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Alberta's Reserves 1998

crude oil

oil sands

gas

natural gas liquids

sulphur



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**crude oil
oil sands
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sulphur**

December 1998

**ALBERTA ENERGY AND UTILITIES BOARD
RESERVE REPORT STATISTICAL SERIES 18**

Related reserve reports and maps:

Statistical Series 99-18A	Summary of 1998 Crude Oil Reserve Changes
Statistical Series 94-31	Reserves of Coal, Province of Alberta
Statistical Series 99-35	Alberta's Reserves of Gas, Complete Listing
Statistical Series 99-40	Energy Alberta 1998
Statistical Series 96-38	Crude Bitumen Reserves Atlas
81-E	Alberta's Hydroelectric Energy Resources
94-B	Alberta Oil Supply, 1994-2005

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HIGHLIGHTS

RESERVES	1998	1997	Change
Conventional crude oil			
Initial established (10^6 m^3)	2 490.1	2 451.7	+ 38.5 ^a
Remaining established (10^6 m^3)	315.2	326.8	- 11.6
Crude bitumen (surface-mineable)			
Initial established (10^6 m^3)	6 730	6 730	-
Remaining established (10^6 m^3)	6 405	6 426	- 21
Crude bitumen (developed in situ projects)			
Initial established (10^6 m^3)	570	377	+193
Remaining established (10^6 m^3)	450	274	+176
Natural gas ^b			
Initial established			
Volume (10^9 m^3)	3 809.6	3 716.6	+ 93.1
Energy (10^{18} J)	146.3	142.8	+ 3.5
Remaining established			
Volume (10^9 m^3)	1 239.9	1 283.9	- 44.0
Energy (10^{18} J)	47.5	49.2	- 1.7
PRODUCTION			
Conventional crude oil (10^6 m^3)	50.1	52.5	- 2.4
Crude bitumen (surface-mineable) (10^6 m^3)	21	20	+ 1
Crude bitumen (in situ) (10^6 m^3)	17	13	+ 4
Natural gas			
Volumes (10^9 m^3)	137.1 ^c	127.3 ^d	+ 9.8

a Discrepancies are due to rounding.

b Volumes are on an actual heating value basis.

c The official net production of natural gas, as determined from production reports for 1998 was 137.7 billion cubic metres.

d The official net production of natural gas, as determined from production reports for 1997 was 132.7 billion cubic metres.

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PREFACE

This is the principal report of the Alberta Energy and Utilities Board on Alberta's reserves of conventional crude oil, bitumen, synthetic crude oil, gas, natural gas liquids, and sulphur; it includes estimates of initial and remaining established reserves and ultimate potential. It is updated annually from the Board's records, and this edition reflects changes that have occurred to the end of 1998.

The information in Tables 2-6 and 4-5 and more detailed information on the reserves of gas pools is available on diskette, CD ROM, magnetic tape and cartridge tape. The gas reserve details are also available on COM-microfiche (Statistical Series 99-35). To obtain copies of the diskettes, CD ROM, magnetic tapes, cartridge tapes or Statistical Series 99-35 contact the EUB's Information Services, main floor, Energy Resources Building (297-8190).

On 9 March 1994, a **Common Reserves Data Base Agreement** was signed between the Energy Resources Conservation Board and the National Energy Board. Included in the agreement was a commitment to establish a set of common reserves data bases. This is the fourth reserves report in which Table 2-6 (the Reserves of Crude Oil and Basic Data), and Table 4-2 (the Reserves of Gas and Basic Data) are identified as representing the official reserve estimates of both the EUB and the NEB for the province of Alberta.

The data bases used to prepare this report are those developed and utilized by the staff of the EUB. However, as a result of the above noted agreement, input was obtained from the NEB through an ongoing process of oil and gas reserve studies. Also, the EUB and NEB are working together to review unconnected natural gas reserves in the province. Unconnected Gas Review 98-1, covering the unconnected pools discovered in 1988, has been completed. The results are reflected in Table 4-2 and described in Chapter 4, Section 4.5 of this report.

General enquiries respecting this report should be directed to A. Burrowes. Enquiries respecting specific sections should be directed as follows:

Chapter	Coordinators, Group
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4, 5, 6 and 7	N. Ramdin, Resource Appraisal 297-3580

The Board gratefully acknowledges the work of these staff members and many others in preparing this report.

1 TERMINOLOGY

1.1 SI Units

Alberta's Reserves of Crude Oil, Oil Sands, Gas, Natural Gas Liquids, and Sulphur are presented in the International System of Units (SI). The provincial totals and a few other major totals are shown in both SI units and the imperial equivalents in the various tables.

Conversion factors used in calculating the imperial equivalents are listed below:

1 cubic metre of gas (101.325 kilopascals and 15° Celsius)	= 35.493 73 cubic feet of gas (14.65 psia and 60° Fahrenheit)
1 cubic metre of ethane (equilibrium pressure and 15° Celsius)	= 6.33 Canadian barrels of ethane (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of propane (equilibrium pressure and 15° Celsius)	= 6.300 0 Canadian barrels of propane (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of butanes (equilibrium pressure and 15° Celsius)	= 6.296 8 Canadian barrels of butanes (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of oil or pentanes plus (equilibrium pressure and 15° Celsius)	= 6.292 9 Canadian barrels of oil or pentanes plus (equilibrium pressure and 60° Fahrenheit)
1 cubic metre of water (equilibrium pressure and 15° Celsius)	= 6.290 1 Canadian barrels of water (equilibrium pressure and 60° Fahrenheit)
1 tonne	= 0.984 206 4 (U.K.) long tons (2240 pounds)
1 tonne	= 1.102 311 short tons (2000 pounds)
1 kilojoule	= 0.948 213 3 British thermal units (Btu as defined in the federal Gas Inspection Act (60°-61° Fahrenheit))

1.2 Reserves Terminology

The reserves terminology used in this report applies to all fossil energy resources (including coal) and is as follows:

- 1 **Initial Volume in Place:** The volume of crude oil, crude bitumen, or raw natural gas calculated or interpreted to exist in a reservoir before any volume has been produced.
- 2 **Established Reserves:** Those reserves recoverable under current technology and present and anticipated economic conditions, specifically proved by drilling, testing, or production; plus that judgement portion of contiguous recoverable reserves that are interpreted from geological, geophysical, or similar information, with reasonable certainty to exist.

- 3 **Initial Established Reserves:** Established reserves prior to the deduction of any production.
- 4 **Remaining Established Reserves:** Initial established reserves less cumulative production.
- 5 **Ultimate Potential:** An estimate of the initial established reserves that will have been developed in an area by the time all exploratory and development activity has ceased, having regard for the geological prospects of that area and anticipated technology and economic conditions.

Ultimate potential includes cumulative production, remaining established reserves, and future additions through extensions and revisions to existing pools and the discovery of new pools. Ultimate potential can be expressed by the following simple formula:

$$\begin{aligned} \text{Ultimate potential} &= \text{initial established reserves} \\ &+ \text{additions to existing pools} \\ &+ \text{future discoveries.} \end{aligned}$$

The above terminology and definitions, which were recommended by the Inter-Provincial Advisory Committee on Energy, have been adopted by the Board.

1.3 Definitions of Other Terms

Area	The area used to determine the bulk rock volume of the oil-, crude bitumen-, or gas-bearing reservoir, usually the area of the zero isopach or the assigned area of a pool or deposit.
Butanes	In addition to its normal scientific meaning, a mixture mainly of butanes which ordinarily may contain some propane or pentanes plus. (Oil and Gas Conservation Act, section 1(1)(c.1))
Compressibility Factor	A correction factor for non-ideal gas determined for gas from a pool at its initial reservoir pressure and temperature and, where necessary, including factors to correct for acid gases.
Condensate	A mixture mainly of pentanes and heavier hydrocarbons that may be contaminated with sulphur compounds, that is recovered or is recoverable at a well from an underground reservoir and that may be gaseous in its virgin reservoir state but is liquid at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(d.1))
Crude Bitumen	A naturally occurring viscous mixture, mainly of hydrocarbons heavier than pentane, that may contain sulphur compounds and that, in its naturally occurring viscous state, will not flow to a well. (Oil Sands Conservation Act, section 1(1)(f))

Crude Oil (Conventional)	A mixture mainly of pentanes and heavier hydrocarbons that may be contaminated with sulphur compounds, that is recovered or is recoverable at a well from an underground reservoir, and that is liquid at the conditions under which its volume is measured or estimated, and includes all other hydrocarbon mixtures so recovered or recoverable except raw gas, condensate or crude bitumen. (Oil and Gas Conservation Act, section 1(1)(f.1))
Crude Oil (Heavy)	Crude oil will be deemed to be heavy crude oil if it has a density of 900 kg/m³ or greater, but the Board, in a particular case, may classify crude oil otherwise than in accordance with this criterion, having regard to its market utilization and purchasers' classification. (Oil and Gas Conservation Regulations 10.030)
Crude Oil (Light-Medium)	Crude oil will be deemed to be light-medium crude oil if it has a density of less than 900 kg/m³, but the Board, in a particular case, may classify crude oil otherwise than in accordance with this criterion, having regard to its market utilization and purchasers' classification.
Crude Oil (Synthetic)	A mixture, mainly of pentanes and heavier hydrocarbons, that may contain sulphur compounds, that is derived from crude bitumen and that is liquid at the conditions under which its volume is measured or estimated, and includes all other hydrocarbon mixtures so derived. (Oil and Gas Conservation Act, section 1(1)(t.1))
Datum Depth	The approximate average depth, relative to sea level, of the mid-point of an oil or gas productive zone for the wells in a pool.
Density	The mass or amount of matter per unit volume.
Density, Relative (Raw Gas)	The density, relative to air, of raw gas upon discovery, determined by an analysis of a gas sample representative of a pool under atmospheric conditions.
Discovery Year	The year in which the well which discovered the oil or gas pool finished drilling.
Ethane	In addition to its normal scientific meaning, a mixture mainly of ethane which ordinarily may contain some methane or propane. (Oil and Gas Conservation Act, section 1(1)(h.1))
Gas	Raw gas or marketable gas or any constituent of raw gas, condensate, crude bitumen, or crude oil that is recovered in processing and that is gaseous at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(j.1))
Gas (Associated)	Gas in a free state in communication in a reservoir with crude oil, under initial reservoir conditions.

Gas (Marketable)	A mixture mainly of methane originating from raw gas, if necessary through the processing of the raw gas for the removal or partial removal of some constituents, and which meets specifications for use as a domestic, commercial, or industrial fuel or as an industrial raw material. (Oil and Gas Conservation Act, section 1(1)(m))
Gas (Marketable at 101.325 kPa and 15°C)	The equivalent volume of marketable gas at standard conditions.
Gas (Non-associated)	Gas that is not in communication in a reservoir with an accumulation of liquid hydrocarbons at initial reservoir conditions.
Gas (Raw)	A mixture containing methane, other paraffinic hydrocarbons, nitrogen, carbon dioxide, hydrogen sulphide, helium, and minor impurities, or some of them, which is recovered or is recoverable at a well from an underground reservoir and which is gaseous at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(s.1))
Gas (Solution)	Gas that is dissolved in crude oil under reservoir conditions and evolves as a result of pressure and temperature changes.
Gas-Oil Ratio (Initial Solution)	The volume of gas (in cubic metres, measured under standard conditions) contained in one stock-tank cubic metre of oil under initial reservoir conditions.
Good Production Practice (GPP)	Production of crude oil or raw gas at a rate (i) not governed by a base allowable, but (ii) limited to what can be produced without adversely and significantly affecting conservation, the prevention of waste, or the opportunity of each owner in the pool to obtain his share of the production. (Oil and Gas Conservation Regulation 1.020(2)9) This practice is authorized by the Board either to improve the economics of production from a pool and thus defer its abandonment, or to avoid unnecessary administrative expense associated with regulation or production restrictions where this serves little or no purpose.
Gross Heating Value (of dry gas)	The heat liberated by burning moisture-free gas at standard conditions and condensing the water vapour to a liquid state.
Mean Formation Depth	The approximate average depth below kelly bushing of the mid-point of an oil or gas productive zone for the wells in a pool.

Methane	In addition to its normal scientific meaning, a mixture mainly of methane which ordinarily may contain some ethane, nitrogen, helium, or carbon dioxide. (Oil and Gas Conservation Act, section 1(1)(m.1))
Natural Gas Liquids	Propane, butanes, or pentanes plus, or a combination of them, obtained from the processing of raw gas or condensate. (Oil and Gas Conservation Act, section 1(1)(n))
Oil	Condensate or crude oil, or a constituent of raw gas, condensate, or crude oil that is recovered in processing, that is liquid at the conditions under which its volume is measured or estimated. (Oil and Gas Conservation Act, section 1(1)(n.1))
Oil Sands	(i) sands and other rock materials containing crude bitumen. (ii) the crude bitumen contained in those sands and other rock materials, and (iii) any other mineral substances, other than natural gas, in association with that crude bitumen or those sands and other rock materials referred to in subclauses (i) and (ii). (Oil Sands Conservation Act, section 1(1)(o))
Oil Sands Deposit	A natural reservoir containing or appearing to contain an accumulation of oil sands separated or appearing to be separated from any other such accumulation. (Oil and Gas Conservation Act, section 1(1)(o.1))
Pay Thickness (Average)	The bulk rock volume of a reservoir of oil, oil sands, or gas, divided by its area.
Pentanes Plus	A mixture mainly of pentanes and heavier hydrocarbons which ordinarily may contain some butanes and which is obtained from the processing of raw gas, condensate, or crude oil. (Oil and Gas Conservation Act, section 1(1)(p))
Pool	A natural underground reservoir containing or appearing to contain an accumulation of oil or gas or both separated or appearing to be separated from any other such accumulation. (Oil and Gas Conservation Act, section 1(1)(q))
Porosity	The effective pore space of the rock volume determined from core analysis and well log data, measured as a fraction of rock volume.
Pressure (Initial)	The reservoir pressure at the reference elevation of a pool upon discovery.

Propane	In addition to its normal scientific meaning, a mixture mainly of propane which ordinarily may contain some ethane or butanes. (Oil and Gas Conservation Act, section 1(1)(s))
Recovery (Enhanced)	The increased recovery from a pool achieved by artificial means or by the application of energy extrinsic to the pool, which artificial means or application includes pressuring, cycling, pressure maintenance or injection to the pool of a substance or form of energy but does not include the injection in a well of a substance or form of energy for the sole purpose of (i) aiding in the lifting of fluids in the well, or (ii) stimulation of the reservoir at or near the well by mechanical, chemical, thermal or explosive means. (Oil and Gas Conservation Act, section 1(1)(h))
Recovery (Pool)	In gas pools, the fraction of the in-place reserves of gas expected to be recovered under the subsisting recovery mechanism.
Recovery (Primary)	Recovery of oil by natural depletion processes only, measured as a volume so recovered or a fraction of the in-place oil.
Saturation (Gas)	The fraction of pore space in the reservoir rock occupied by gas upon discovery.
Saturation (Water)	The fraction of pore space in the reservoir rock occupied by water upon discovery.
Shrinkage Factor (Initial)	The volume occupied by one cubic metre of oil from a pool, measured at standard conditions after flash gas liberation consistent with the surface separation process, divided by the volume occupied by the same oil and gas at the pressure and temperature of a pool upon discovery.
Solvent	A suitable mixture of hydrocarbons ranging from methane to pentanes plus, but consisting largely of methane, ethane, propane, and butanes, for use in enhanced-recovery operations.
Surface Loss	A summation of the fractions of recoverable gas that is removed as acid gas and liquid hydrocarbons, used as lease or plant fuel, or flared.
Temperature	The initial reservoir temperature upon discovery at the reference elevation of a pool.
Zone	Any stratum or any sequence of strata that is designated by the Board as a zone. (Oil and Gas Conservation Act, section 1(1)(z))

1.4 Standard Conditions of Gas Measurement

Volumes of gas are given as at a standard pressure and temperature of 101.325 kPa and 15 °C, respectively.

1.5 Symbols

The symbols used in tables throughout this report have the following meanings:

SI

°C	degree Celsius	M	mega
d	day	m	metre
ha	hectare	mol	mole
J	joule	T	tera
kg	kilogram	t	tonne
kPa	kilopascal		

Imperial

bbl	barrel	°F	degree Fahrenheit
Btu	British thermal unit	psia	pounds per square inch absolute
cf	cubic foot	psig	pounds per square inch gauge
d	day	stb	stock-tank barrel

1.6 Abbreviations

General Report

GIP	gas in place
GPP	good production practice
RF	recovery factor
RGE	range
STP	standard temperature and pressure
TWP	township
WM	west of a certain meridian

Computer Printout

General abbreviations, found chiefly in the computer printout, have the following meanings:

ABAND	abandoned
ADMIN 2	Administrative Area No. 2
ASSOC	associated gas
BDY	Boundary
BELL	Belloy
BER	beyond economic reach
BLAIR	Blairmore
BLSKY OR BLSK	Bluesky
BLUE	Blueridge
BNFF	Banff
BOW ISL or BI	Bow Island
BR	Belly River
BSL COLO	Basal Colorado
BSL MANN, BMNV or BMN	Basal Mannville
BSL QTZ	Basal Quartz
CADM or CDN	Cadomin

CARD
 CDOT
 CH LK
 CLWTR
 CLY or COL
 CMRS
 COMP
 DBLT
 DETR
 DISC YEAR
 ELRSL, ELERS or ELRS
 ELTN or ELK
 ERSO

FALH
 FRAC
 GEN PETE or GEN PET
 GETH or GET
 GLAUC or GLC
 GLWD
 GOR
 GRD RAP or GRD RP
 GROSS HEAT VALUE
 GSMT
 ha
 HFWY
 INJ
 I.S.
 JUR or J
 KB
 KISK
 KR
 LED
 LF
 LIV
 LLOYD
 LMNV, LMN or LM
 LOC EX PROJECT
 LOC U
 LOW or L
 LUSC
 MANN or MN
 MCM
 MED HAT
 MID or M
 MILK RIV
 MOP
 MSKG
 MSL
 NGL
 NIKA
 NIS

Cardium
 Cadotte
 Charlie Lake
 Clearwater
 Colony
 Camrose
 compressibility
 Debolt
 Detrital
 discovery year
 Ellerslie
 Elkton
 enhanced-recovery scheme is in operation but no additional established reserves are attributed
 Falher
 fraction
 General Petroleum
 Gething
 Glauconitic
 Gilwood
 gas-oil ratio
 Grand Rapids
 gross heating value
 Grosmont
 hectare
 Halfway
 injected
 integrated scheme
 Jurassic
 kelly bushing
 Kiskatinaw
 Keg River
 Leduc
 load factor
 Livingston
 Lloydminster
 Lower Mannville
 local experimental project
 local utility
 lower
 Luscar
 Mannville
 McMurray
 Medicine Hat
 middle
 Milk River
 maximum operating pressure
 Muskeg
 mean sea level
 natural gas liquids
 Nikanassin
 Nisku

NO.	number
NON-ASSOC	non-associated gas
NORD	Nordeg
NOTIK, NOTI or NOT	Notikewin
OST	Ostracod
PALL	Palliser
PEK	Pekisko
PM-PN SYS	Permo-Penn System
RF	recovery factor
RK CK	Rock Creek
RUND or RUN	Rundle
SA	strike area
SATN	saturation
SD	sandstone
SE ALTA GAS SYS (MU)	Southeastern Alberta Gas System - commingled
SG	gas saturation
SHUN	Shunda
SL	surface loss
SL PT	Slave Point
SOLN	solution gas
SPKY	Sparky
ST. ED	St. Edouard
SULPT	Sulphur Point
SUSP	suspended
SW	water saturation
SW HL	Swan Hills
TEMP	temperature
TOT	Total
TV	Turner Valley
TVD	true vertical depth
UIRE	Upper Ireton
UMNV, UMN or UM	Upper Mannville
UP or U	upper
VIK or VK	Viking
VOL	volume
WAB	Wabamun
WBSK	Wabiskaw
WINT	Winterburn
WTR DISP	water disposal
WTR INJ	water injection
1ST WHITE SPKS OR 1WS	First White Specks
2WS	Second White Specks

Company Names

The following is a list of abbreviations which are used for certain company names:

AEC	Alberta Energy Company Ltd.
AEL	Anderson Exploration Ltd.
ALTAGAS	AltaGas Marketing Inc.
ALTROAN	Altana Exploration Company/Roan Resources Ltd.
AMOCO	Amoco Canada Petroleum Company Ltd.

APACHE	Apache Canada Ltd.
BARRING	Barrington Petroleum Ltd.
BEAU	Beau Canada Exploration Ltd.
BLUERGE	Blue Range Resource Corporation
CAN88	Canadian 88 Energy Corp.
CANOR	Canor Energy Ltd.
CANOXY	Canadian Occidental Petroleum Ltd.
CANST	Canstates Gas Marketing
CDNFRST	Canadian Forest Oil Ltd.
CENTRA	Centra Gas Alberta Inc.
CGGS	Canadian Gas Gathering Systems Inc.
CHEL	Canadian Hunter Exploration Ltd.
CHEVRON	Chevron Canada Resources
CMG	Canadian-Montana Gas Company Limited
CNRL	Canadian Natural Resources Limited
CNWE	Canada Northwest Energy Limited
CONOCO	Conoco Canada Limited
CONWEST	Conwest Exploration Company Limited
CRESTAR	Crestar Energy Inc.
CTYMEDH	City of Medicine Hat
CWNGNUL	Canadian Western Natural Gas Company Limited and Northwestern Utilities Limited
DART	Dartmouth Power Associates Limited Partnership
DIRECT	Direct Energy Marketing Limited
DUKE	Duke Energy Marketing Limited Partnership
DYNALTA	Dynalta Energy Corporation
ENCAL	Encal Energy Ltd.
ENGAGE	Engage Energy Canada, L.P.
ENRMARK	EnerMark Inc.
GARDNER	Gardiner Oil and Gas Limited
GULF	Gulf Canada Resources Limited
HUSKY	Husky Oil Ltd.
IOL	Imperial Oil Resources Limited
LOMALTA	Lomalta Petroleums Ltd.
MARTHON	Marathon International Petroleum Canada, Ltd.
METGAZ	Metro Gaz Marketing
MOBIL	Mobil Oil Canada
NRTHSTR	Northstar Energy Corporation
PANALTA	Pan-Alberta Gas Ltd.
PANCDN	PanCanadian Petroleum Limited
PARAMNT	Paramount Resources Ltd.
PAWTUCK	Pawtucket Power Associates Limited Partnership
PCOG	Petro-Canada Oil and Gas
PENWEST	Penn West Petroleum Ltd.
PINCL	Pinnacle Resources Ltd.
PIONEER	Pioneer Natural Resources Canada Ltd.
POCO	Poco Petroleums Ltd.
PROGAS	ProGas Limited
QUEBEC	3091-9070 Quebec
RANGER	Ranger Oil Limited
RENENER	Renaissance Energy Ltd.
RIFE	Rife Resources Ltd.

RIGEL	Rigel Oil & Gas Ltd.
RIOALTO	Rio Alta Exploration Ltd.
SASKEN	SaskEnergy Incorporated
SHELL	Shell Canada Limited
SHERRIT	Sherritt Inc.
SIGNALTA	Signalta Resources Ltd.
SIMPLIT	Simplot Canada Limited
SUMMIT	Summit Resources Limited
SUNCOR	Suncor Energy Inc. (Oil Sands Group)
SYNCRUDE	Syncrude Canada Ltd.
TALISMA	Talisman Energy Inc.
TCPL	TransCanada PipeLines Limited
ULSTER	Ulster Petroleums Ltd.
UNIPAC	Union Pacific Resources Inc.
UNOCAL	Unocal Canada Limited
WAINOCO	Wainoco Oil Corporation
WASCANA	Wascana Energy Inc.

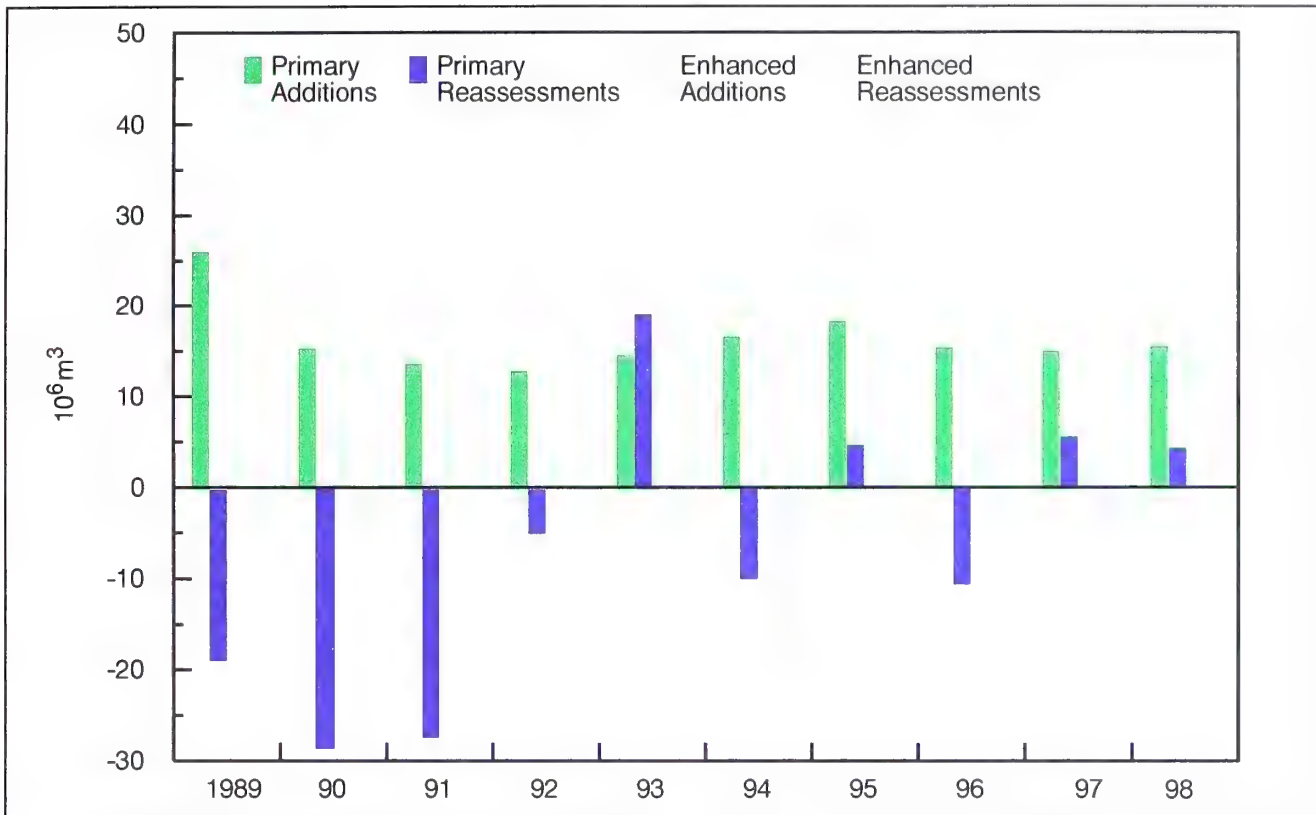


**Figure 2-1 Light - Medium Crude Oil.
Reserve Additions and Reassessments**

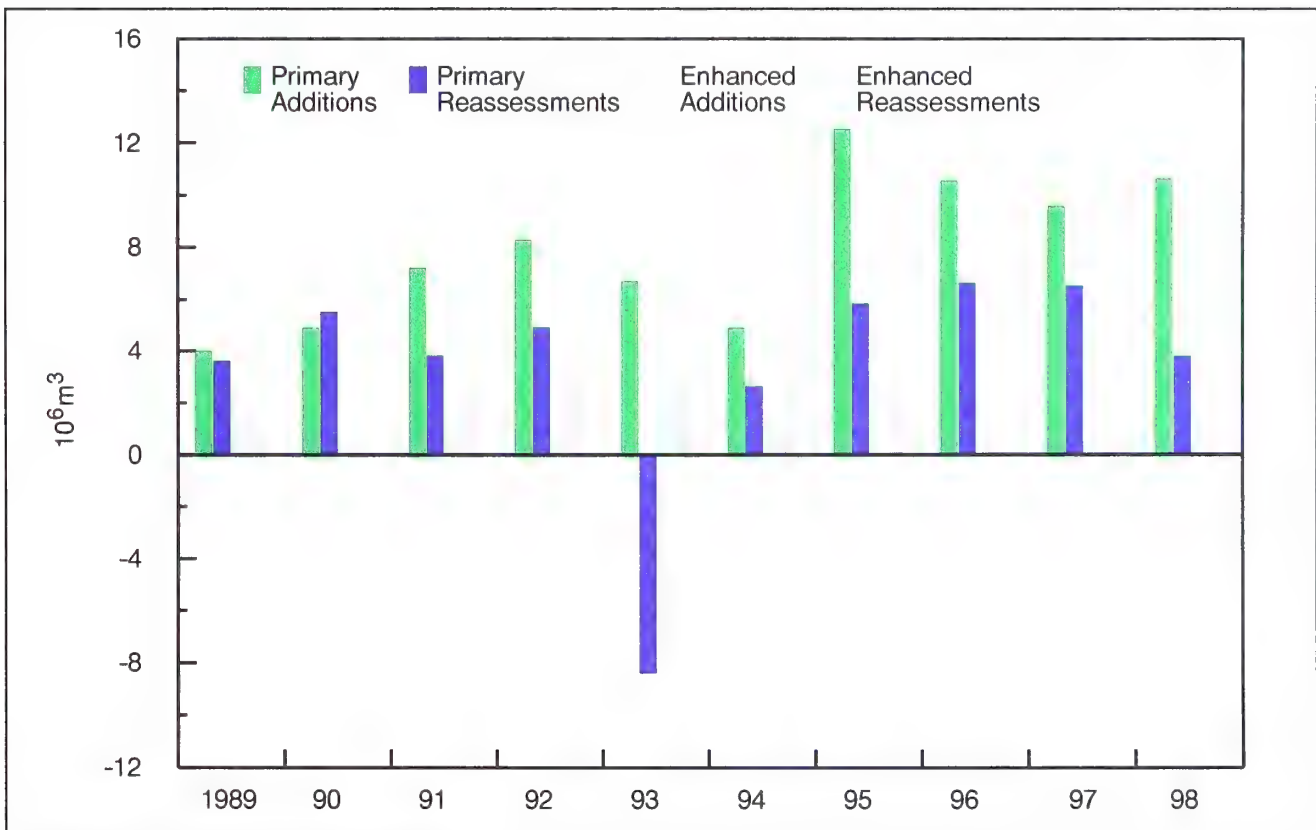


**Figure 2-2 Heavy Crude Oil.
Reserve Additions and Reassessments**

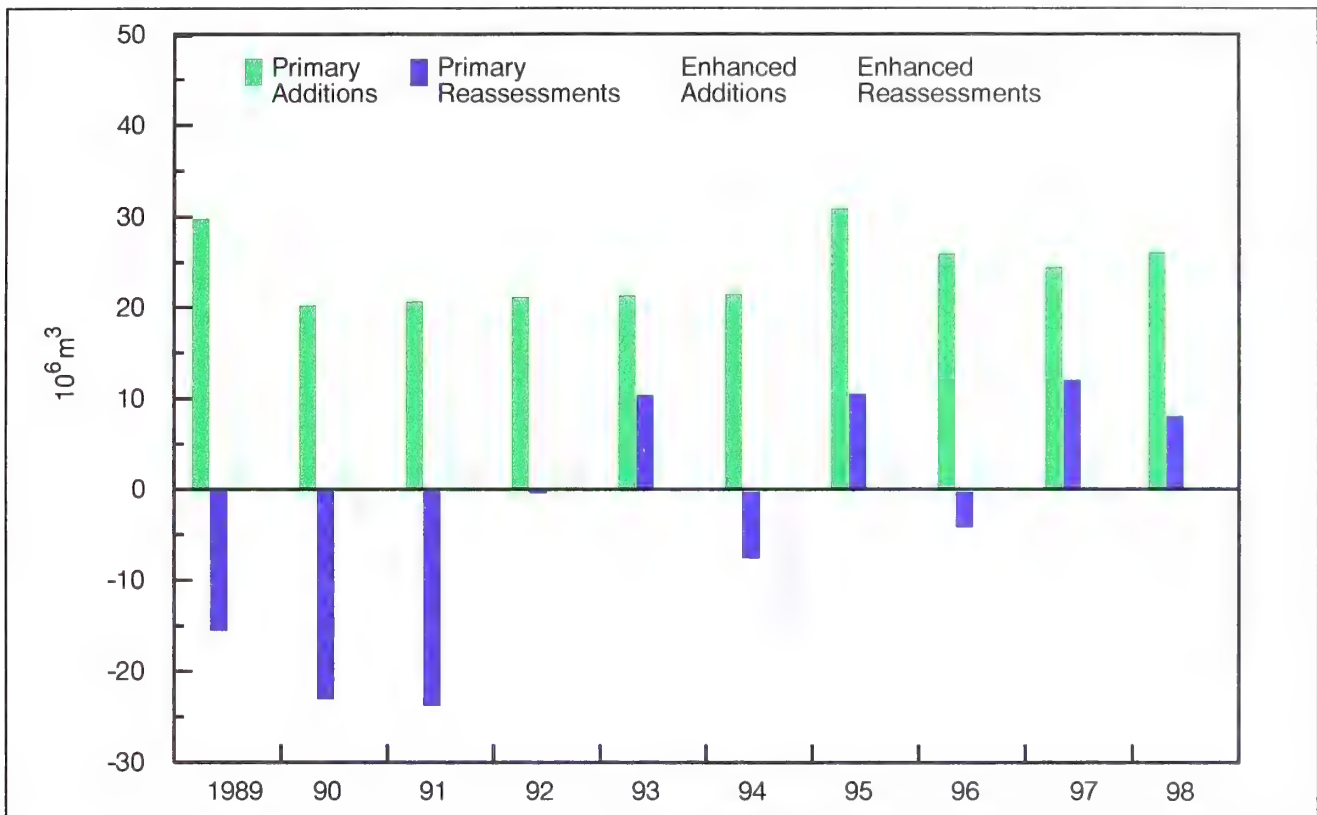


**Figure 2-3 Total Conventional Crude Oil.
Reserve Additions and Reassessments**

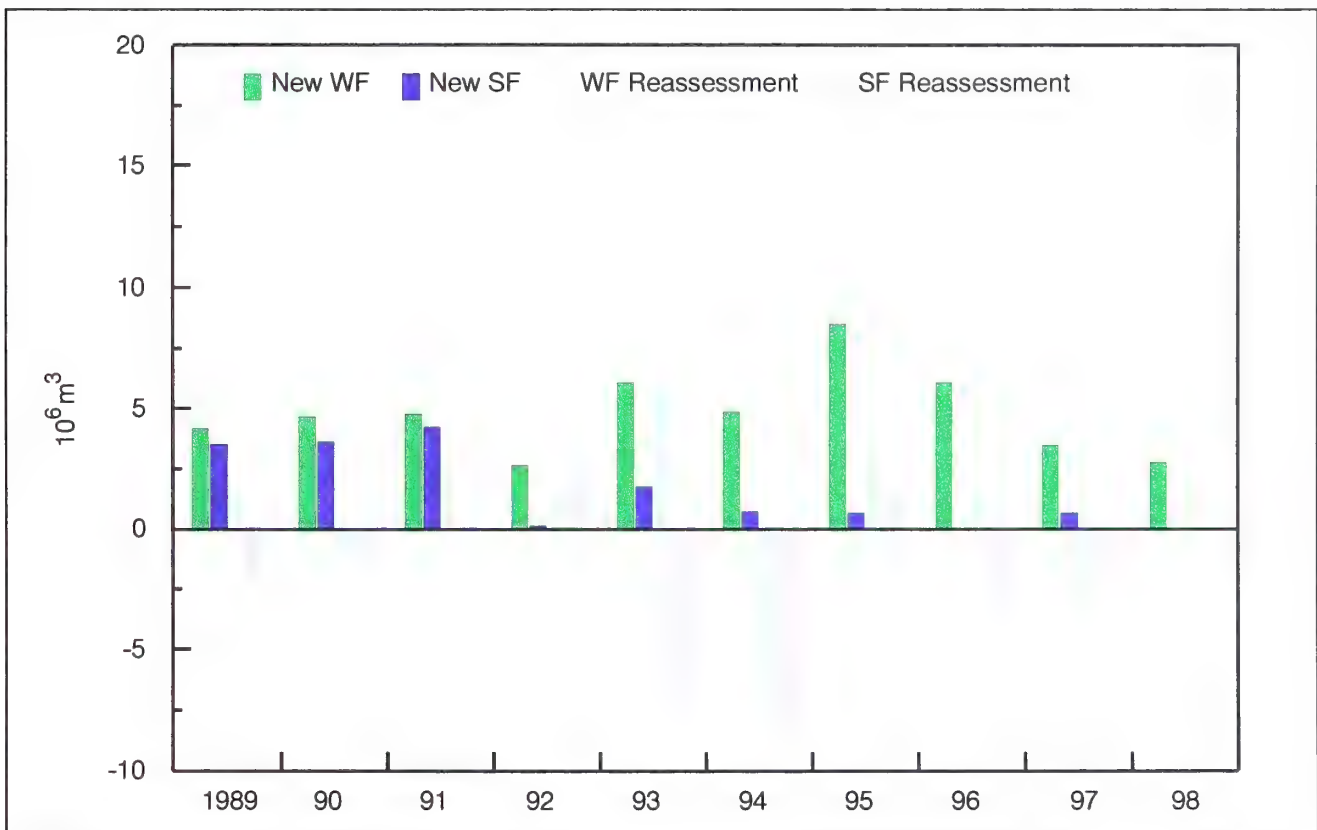


**Figure 2-4 Total Conventional Crude Oil.
Changes to Enhanced Recovery Schemes**

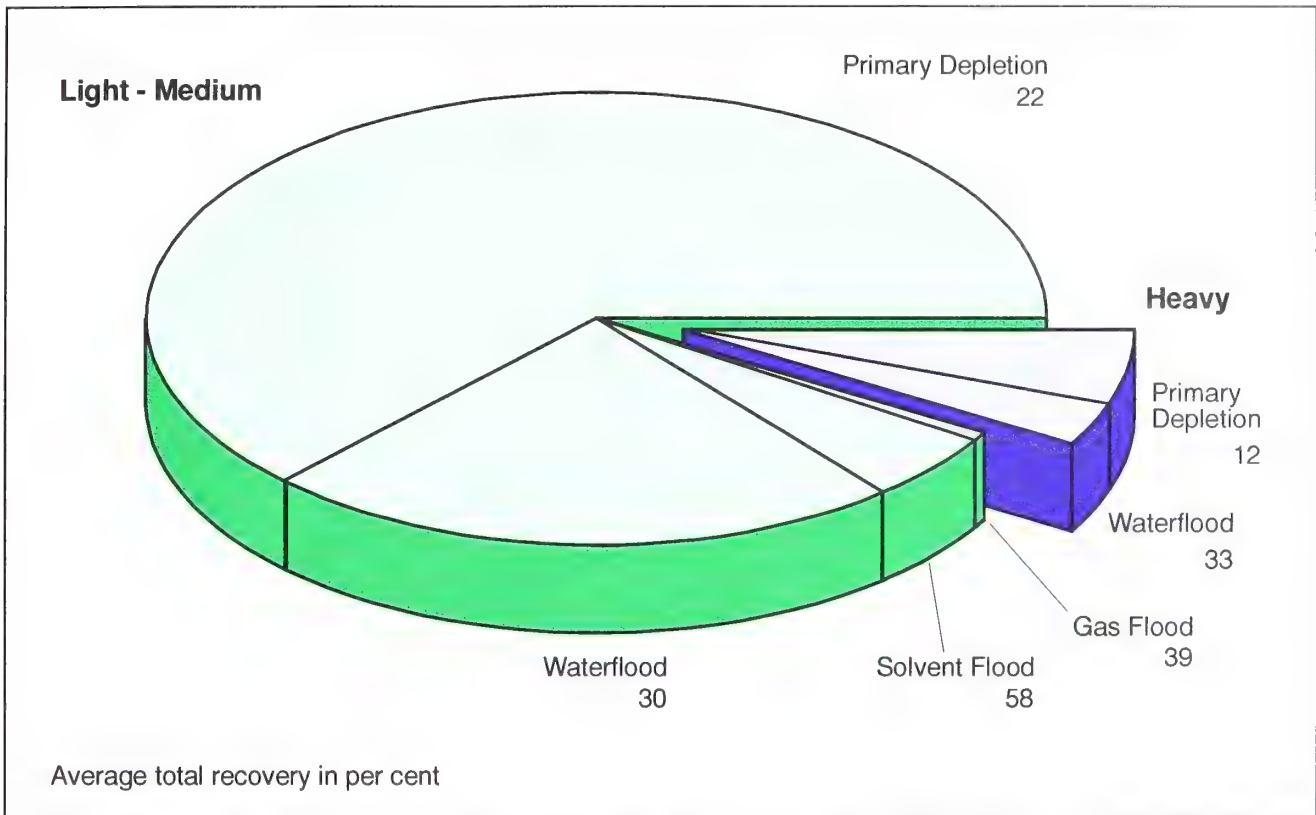


Figure 2-5 Reserves of Conventional Crude Oil Attributable to Various Recovery Mechanisms and Their Recovery Factors

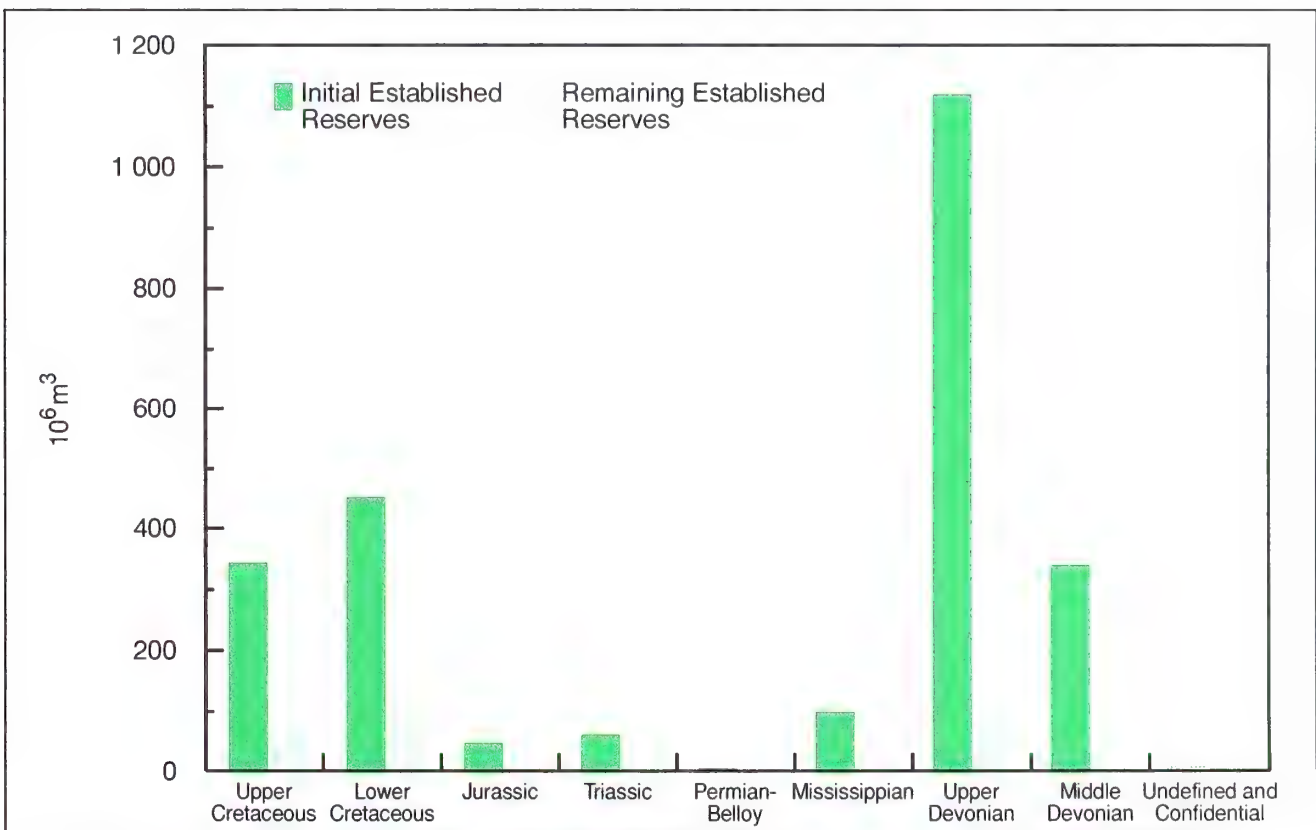


Figure 2-6 Geological Distribution of Reserves of Conventional Crude Oil

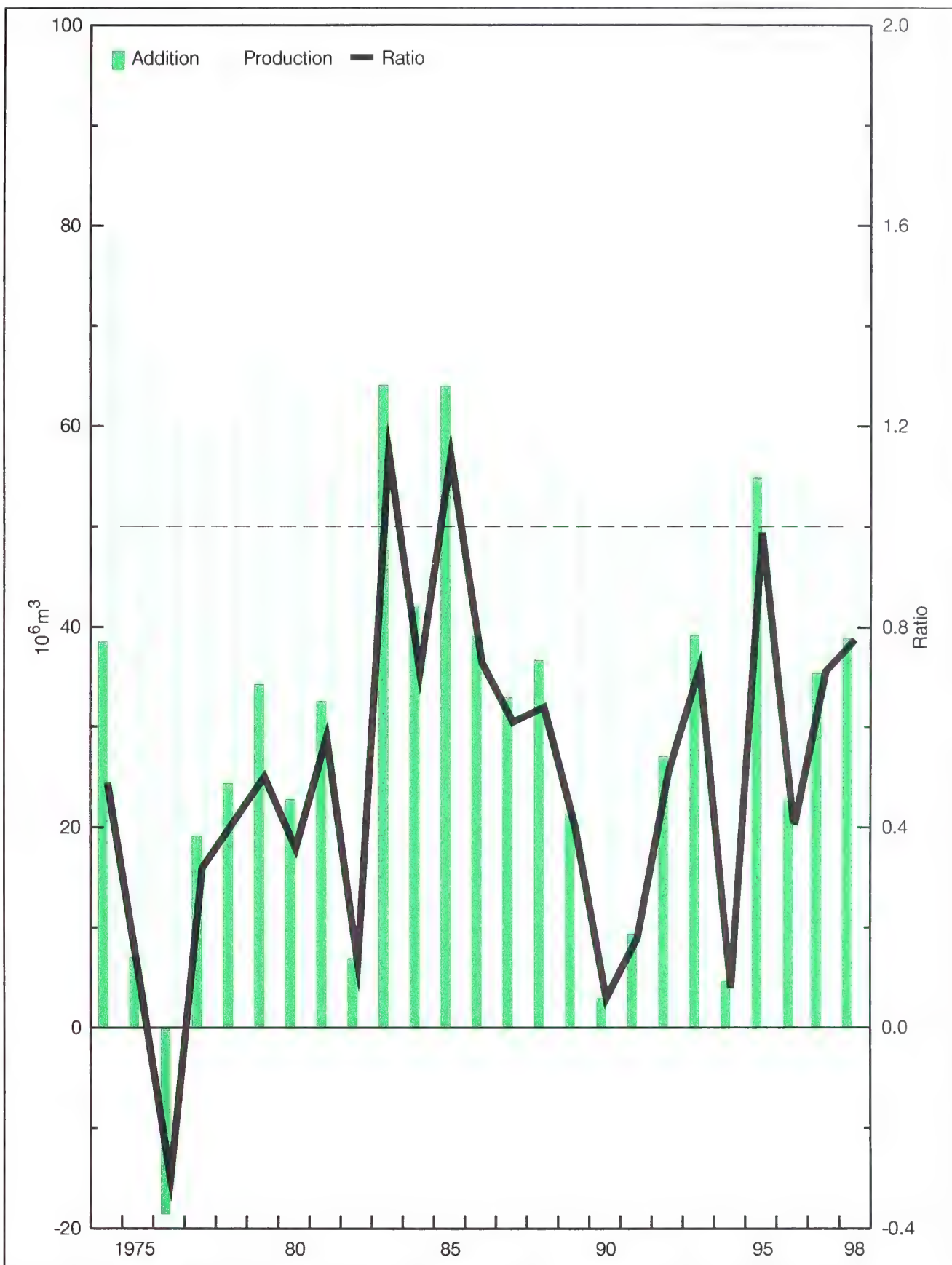


Figure 2-7 Additions to Established Reserves of Conventional Crude Oil and Replacement Ratio

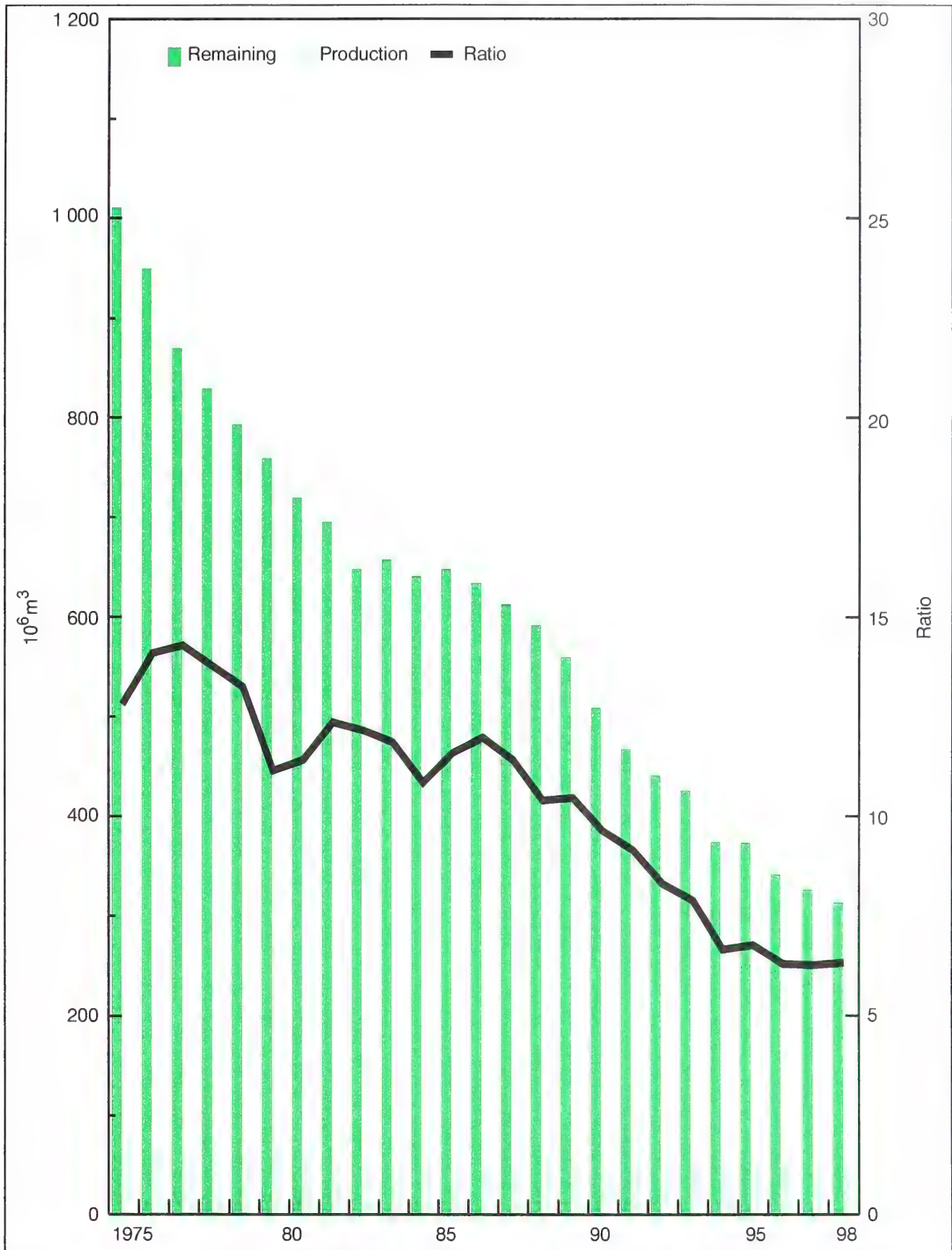


Figure 2-8 Remaining Established Reserves of Conventional Crude Oil and Reserves / Production Ratio

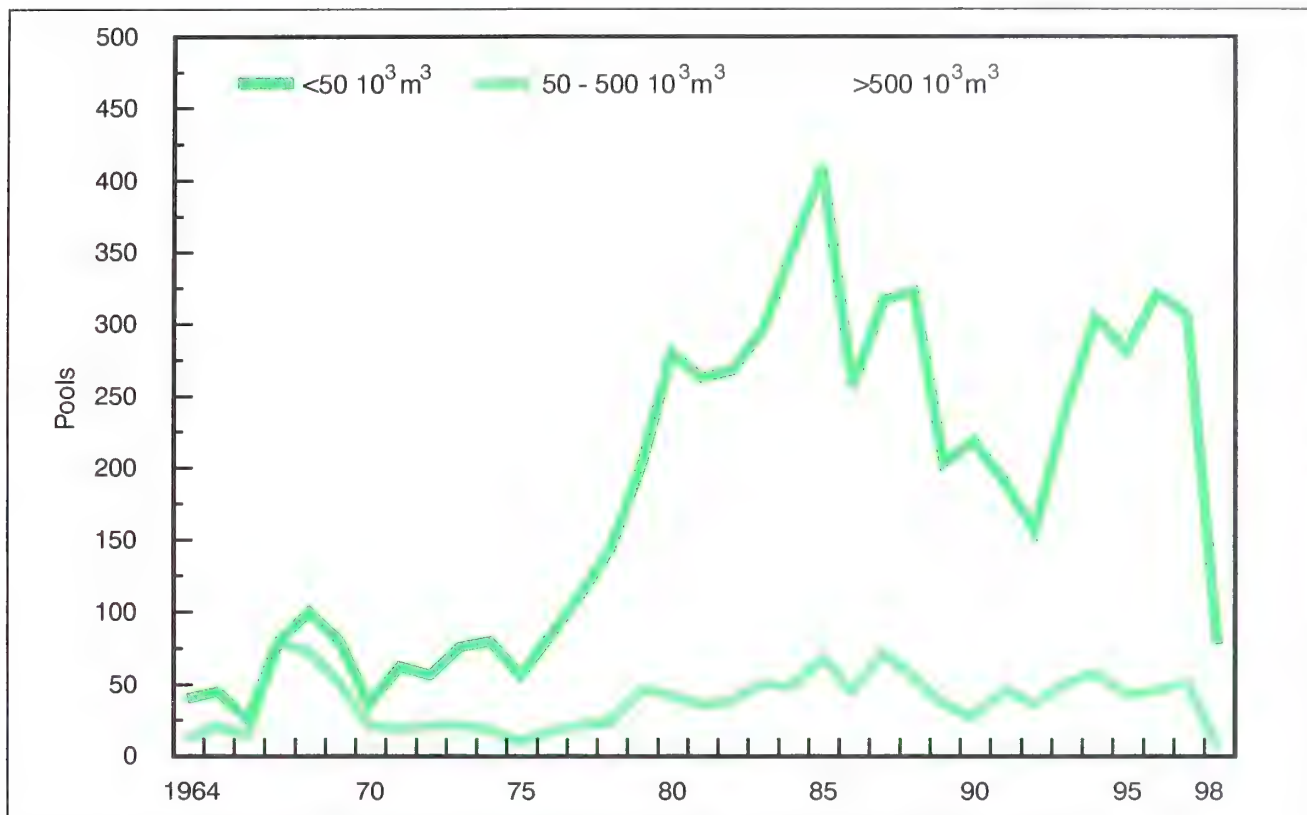


Figure 2-9 Number of Oil Pools Discovered by Size and Discovery Year

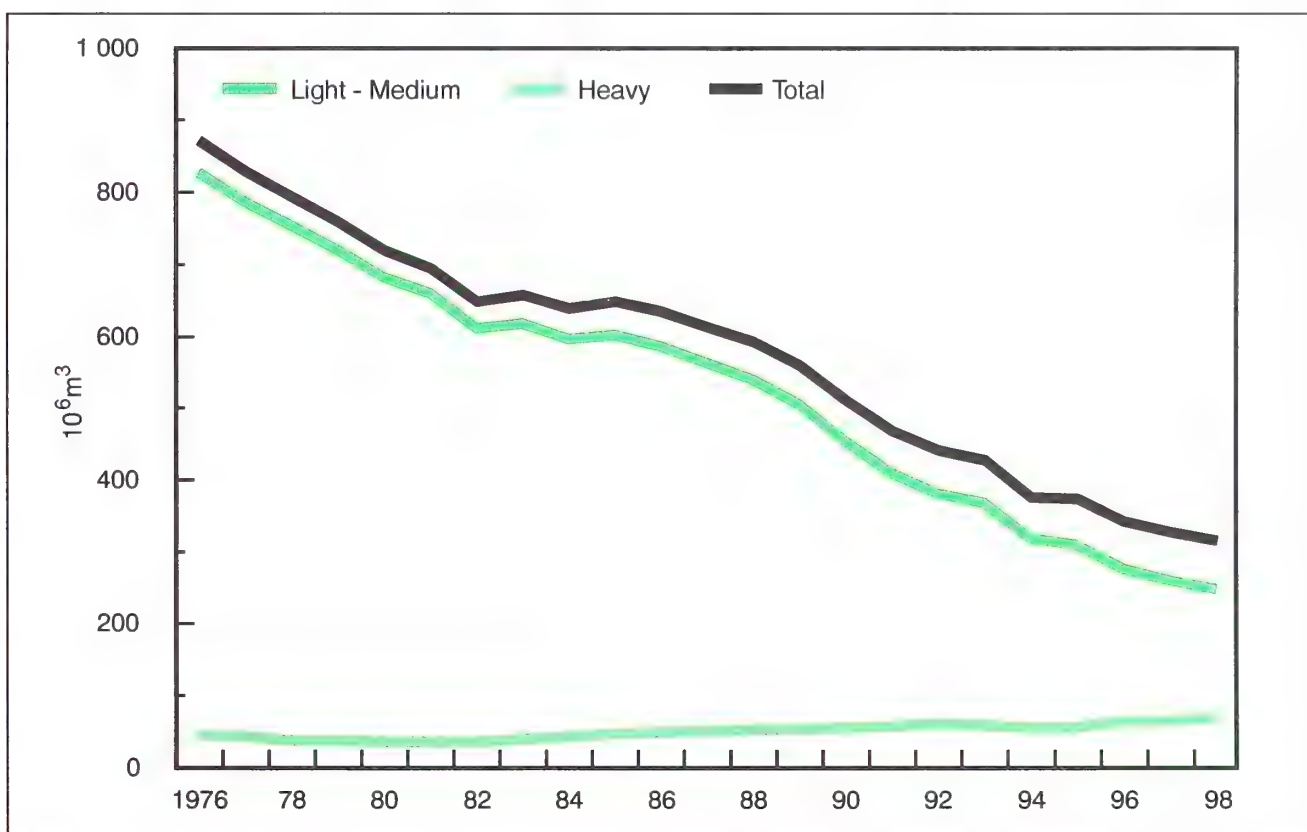


Figure 2-10 Remaining Established Reserves of Conventional Crude Oil

2 RESERVES OF CONVENTIONAL CRUDE OIL

2.1 Provincial Summary

The Board estimates the remaining established reserves of conventional crude oil in Alberta to be 315 million cubic metres at year-end 1998. This is a net decrease from year-end 1997 of 12 million cubic metres as a result of all reserve adjustments less production that occurred during 1998.

The initial established reserves attributed to the 401 new oil pools booked in 1998 totalled 8.9 million cubic metres (22 thousand cubic metres per pool) while development of new and existing pools during 1998 added initial established reserves of 17.5 million cubic metres. New and expanded enhanced recovery schemes added initial established reserves of 2.9 million cubic metres while net reassessment of existing reserves added another 9.2 million cubic metres. Reserve additions (excluding reassessment) totalled 29.3 million cubic metres or 58 per cent of Alberta's 1998 conventional crude oil production of 50.1 million cubic metres. This production is the lowest in twenty-nine years.

At year-end 1998, oil reserves were assigned to some 6600 light-medium and 2300 heavy crude oil pools in the province.

The changes in reserves and cumulative production for light-medium and heavy crude oil to year-end 1998 are shown below:

	1998	1997	Change
	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³
Initial Established Reserves ^a			
Light-Medium	2 191.6	2 169.2	+ 22.4
Heavy	298.6	282.4	+ 16.1
Total	2 490.1 (15 670) ^c	2 451.7 (15 428) ^c	+ 38.5
Cumulative Production ^a			
Light-Medium	1 944.7	1 910.0	34.7 ^b
Heavy	230.2	214.8	15.4 ^b
Total	2 174.9	2 124.8	50.1
Remaining Established Reserves ^a			
Light-Medium	246.9	259.2	- 12.3
Heavy	68.4	67.7	+ 0.7
Total	315.2 (1 984) ^c	326.8 (2 057) ^c	- 11.6

a Discrepancies are due to rounding.

b Discrepancies may exist with actual production as reported in Statistical Series 98-17.

c Imperial equivalent in millions of stock-tank barrels.

2.2 Summary of Reserve Changes

Contributions to the overall net increase in initial established reserves during 1998 are summarized below:

	Initial Established Reserves		
	Light-Medium	Heavy Crude	Total
	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³
New Discoveries	7.4	1.5	8.9
Development of Existing Pools	8.3	9.1	17.5 ^a
Enhanced Recovery (New Schemes/Expansions)	1.0	1.9	2.9
Reassessment	5.6	3.6	9.2
Total	22.4 ^a	16.1	38.5

a Discrepancies are due to rounding.

For more detail on oil reserve growth and distribution, see Figures 2-1 to 2-10.

2.3 Distribution of Oil Reserves by Pool Size

The distribution of initial and remaining reserves of conventional crude oil among pools of different size ranges is shown below. Sixty-one per cent of the pools contain only one well.

Reserve Range	Pools		Initial Established Reserves		Remaining Established Reserves	
	number	percentage of total	10 ⁶ m ³	percentage of total	10 ⁶ m ³	percentage of total
1000 or more	269	3	2 068	83	204	65
100-999	995	11	304	12	74	23
30-99	1 345	15	73	3	22	7
1-29	6 240	71	44	2	16	5
Total	8 849	100	2 490 ^a (15 670) ^b	100	315 ^a (1 984) ^b	100

a Discrepancies are due to rounding.

b Imperial equivalent in millions of stock-tank barrels.

2.4 Other Tables

The following tables provide further information on oil reserve trends and geological distribution:

Table 2-1 Major light-medium reserve changes.

Table 2-2 Major heavy crude reserve changes.

Table 2-3 Oil reserves by crude oil type and recovery mechanism.

Table 2-4 Oil reserves by geological period and crude-oil type.

Table 2-5 Oil reserves by geological formation.

Table 2-6 lists reserves and reservoir factors to year-end 1998 for each designated non-confidential crude-oil pool in Alberta. Reserve totals for undefined and confidential pools are shown separately at the end of each section.

2.5 Other Matters

The map included in the back pocket of this report will assist the reader interested in the geographic distribution of reserves and in locating the fields and pools listed in Table 2-6. The approximate location of each field is shown immediately following the field name. Fields have been coloured either green (for oil) or yellow (for gas) based on which had the higher initial energy content.

TABLE 2-1 Major Light-Medium Oil Reserve Changes^a
1998

Pool	Initial Established Reserves		Main Reason for Change
	1998	Change	
	10 ³ m ³	10 ³ m ³	
Ante Creek North Triassic E	1 027.0	+ 459.0	Reassessment of initial volume in place and recovery factor
Bashaw D-2 L	787.0	+ 303.0	Reassessment of recovery factor
Enchant Arcs FF & GG	1 425.0	+ 596.0	Reassessment of initial volume in place
Evi Keg River A & Granite Wash N	2 985.0	+ 586.0	Reassessment of recovery factor
Halkirk Upper Mannville R	1 450.0	+ 443.0	Reassessment of recovery factor
Joarcam Viking	20 420.0	+ 731.0	Pool development and reassessment of recovery factor
Leahurst Glaucconitic B	1 024.0	- 441.0	Pool development
Marlowe Keg River A	362.0	+ 259.0	Pool coalescence
Provost Blairmore B	2 639.0	- 325.0	Pool development
Provost Dina PPP	1 274.0	+ 360.0	Reassessment of initial volume in place and recovery factor
Provost Mannville L	2 446.0	- 614.0	Pool development
Provost Viking, Belly River, Basal Colorado & Mannville MU No. 1	10 010.0	+ 383.0	Reassessment of recovery factor
Rainbow Keg River H	1 700.0	- 580.0	Reassessment of initial volume in place and recovery factor
Rainbow Keg River EE	2 640.0	- 422.0	Reassessment of recovery factor
Red Earth Slave Point A, Granite Wash A & VV	6 034.0	+ 894.0	Pool development and reassessment of initial volume in place and recovery factor
Redwater D-3	134 600.0	- 4 200.0	Reassessment of recovery factor
Slave Slave Point H	1 880.0	- 356.0	Reassessment of recovery factor

^a For a detailed listing of all reserve changes, refer to the supplement to this publication, Statistical Series 99-18A.

TABLE 2-2 Major Heavy Oil Reserve Changes^a
1998

Pool	Initial Established Reserves		Main Reason for Change
	1998	Change	
	10 ³ m ³	10 ³ m ³	
Alderson Lower Mannville D3D	462.0	+ 252.0	Enhanced recovery recognition
Glenevis Banff	2 252.0	+ 439.0	Pool development and reassessment of recovery factor
Hayter Dina B	5 389.0	+ 844.0	Reassessment of initial volume in place and recovery factor
Jenner Upper Mannville F	723.0	+ 202.0	Pool development and reassessment of recovery factor
Jenner Upper Mannville E2E	272.0	+ 214.0	Pool development and reassessment of recovery factor
Little Bow Upper Mannville S	600.0	+ 360.0	Enhanced recovery recognition
Lloydminster Sparky I & General Petroleum K	831.0	+ 415.0	Reassessment of recovery factor
Lloydminster Sparky ZZZ	291.0	+ 204.0	Pool development
Marwayne Sparky D	454.0	+ 227.0	Pool coalescence
Provost Cummings I	5 841.0	+ 1 959.0	Pool development and reassessment of recovery factor
Provost Lloydminster O	5 037.0	+ 596.0	Reassessment of recovery factor
Provost Lloydminster MM	440.0	+ 210.0	Pool development
Provost Upper Mannville A	411.0	- 275.0	Reassessment of recovery factor
Provost Upper Mannville U8U	665.0	+ 518.0	Pool development
Suffield Upper Mannville A	2 498.0	+ 273.0	Pool development and reassessment of initial volume in place
Suffield Upper Mannville D	815.0	+ 399.0	Pool development and reassessment of initial volume in place and recovery factor
Suffield Upper Mannville J	7 060.0	+ 444.0	Pool development and reassessment of initial volume in place
Viking-Kinsella Upper Mannville X	1 925.0	+ 1 759.0	Pool development and enhanced recovery recognition

^a For a detailed listing of all reserve changes, refer to the supplement to this publication, Statistical Series 99-18A.

**TABLE 2-3 Summary of Reserves of Conventional Crude Oil
Attributable to Various Recovery Mechanisms
As at 31 December 1998**

Crude-Oil Type and Pool Type	1	2	3	4	5	6	7	8	9
	Initial Volume In Place	Initial Established Reserves			Total ^a	Average Recovery			Total
		Primary	Waterflood/ Gasflood	Solvent Flood		Primary	Waterflood/ Gasflood	Solvent Flood	
	10 ⁶ m ³					fraction			
Light-Medium									
Primary Depletion	3 699.6	831.2	0.0	0.0	831.2	0.22	0.00	0.00	0.22
Waterflood	2 714.1	424.8	380.3	0.0	805.1	0.16	0.14	0.00	0.30
Solvent Flood	865.1	237.4	154.4	106.5	498.3	0.27	0.18	0.12	0.58
Gas Flood	145.5	46.9	10.1	0.0	57.0	0.32	0.07	0.00	0.39
Heavy									
Primary Depletion	1 469.8	175.5	0.0	0.0	175.5	0.12	0.00	0.00	0.12
Waterflood	370.0	40.6	82.4	0.0	123.0	0.11	0.22	0.00	0.33
Total	9 264.1 (58 298) ^a	1 756.4 (11 053) ^a	627.2 (3 947) ^a	106.5 (670) ^a	2 490.1 (15 670) ^a	0.19	0.07	0.01	0.27
Percentage of Total Initial Established Reserves		70.5	25.2	4.3	100.0				

^a Imperial equivalent in millions of stock-tank barrels.

TABLE 2-4 **Distribution of Reserves of Conventional Crude Oil**
by Geological Period and Crude-Oil Type
 As at 31 December 1998

	1	2	3	4	5	6	7	8	9	10	11	12
Geological Period	Initial Volume in Place			Initial Established Reserves			Remaining Established Reserves			Average Recovery		
	Light-Medium	Heavy	Total	Light-Medium	Heavy	Total	Light-Medium	Heavy	Total	Light-Medium	Heavy	Total
	10 ⁶ m ³									fraction		
Cretaceous												
Upper	1 996.4	0.0	1 996.4	347.4	0.0	347.4	58.4	0.0	58.4	0.17	0.00	0.17
Lower	1 047.4	1 620.6	2 668.0	197.5	257.8	455.3	36.7	60.4	97.1	0.19	0.16	0.17
Jurassic	104.0	96.3	200.3	19.0	28.8	47.8	3.4	4.4	7.8	0.18	0.30	0.24
Triassic	288.2	22.7	310.9	60.4	1.9	62.3	14.0	0.3	14.3	0.21	0.08	0.20
Permian	13.8	0.0	13.8	6.7	0.0	6.7	0.3	0.0	0.3	0.49		0.49
Mississippian	589.0	62.3	651.3	92.8	7.2	100.0	10.9	2.0	12.9	0.16	0.12	0.15
Devonian												
Upper	2 403.2	24.3	2 427.5	1 120.5	2.4	1 122.9	77.6	0.9	78.5	0.47	0.10	0.46
Middle	938.0	0.0	938.0	343.5	0.0	343.5	42.9	0.0	42.9	0.37	0.00	0.37
Other	44.3	13.6	57.9	3.8	0.5	4.3	2.7	0.3	3.0	0.09	0.04	0.07
Total ^a	7 424.3	1 839.8	9 264.1	2 191.6	298.6	2 490.1 ^a	246.9	68.4 ^b	315.2	0.30	0.16	0.27
	(46 720) ^b	(11 578) ^b	(58 298) ^b	(13 791) ^b	(1 879) ^b	(15 670) ^b	(1 554) ^b	(430) ^b	(1 984) ^b			

a Discrepancies are due to rounding.

b Imperial equivalent in millions of stock-tank barrels

TABLE 2-5 Geological Distribution of Reserves of Conventional Crude Oil
As at 31 December 1998

Geological Distribution	1	2	3	4	5	6
	Initial Volume in Place	Initial Established Reserves	Remaining Established Reserves	Initial Volume in Place	Initial Established Reserves	Remaining Established Reserves
	10 ⁶ m ³			percentage of total		
Upper Cretaceous						
Belly River	254.8	33.7	7.5	2.8	1.4	2.4
Chinook	4.5	0.6	0.2			
Cardium	1 616.9	296.4	46.3	17.5	11.9	14.7
Second White Specks	28.8	2.7	0.8	0.3	0.1	0.3
Doe Creek	70.0	12.6	3.3	0.8	0.5	1.0
Dunvegan	21.4	1.4	0.3	0.2	0.1	0.1
Subtotal	1 996.4	347.4	58.4	21.5	14.0	18.5
Lower Cretaceous						
Viking	334.3	63.4	6.0	3.6	2.5	1.9
Upper Mannville	1 444.6	218.0	56.6	15.6	8.8	18.0
Lower Mannville	889.1	173.9	34.6	9.6	7.0	11.0
Subtotal	2 668.0	455.3	97.2	28.8	18.3	30.8
Jurassic	200.3	47.8	7.8	2.2	1.9	2.5
Triassic	310.9	62.3	14.3	3.4	2.5	4.5
Permian-Belloy	13.8	6.7	0.3	0.1	0.3	0.1
Mississippian						
Rundle	463.5	74.6	6.8	5.0	3.0	2.2
Pekisko	82.3	13.5	3.1	0.9	0.5	1.0
Banff	105.5	11.9	3.0	1.1	0.5	1.0
Subtotal	651.3	100.0	12.9	7.0	4.0	4.1
Upper Devonian						
Wabamun	51.8	5.9	1.0	0.6	0.2	0.3
Nisku	437.0	198.1	17.3	4.7	8.0	5.5
Leduc	839.0	504.3	20.0	9.1	20.3	6.3
Beaverhill Lake	961.7	390.6	35.1	10.4	15.7	11.1
Slave Point	138.0	24.0	5.1	1.5	1.0	1.6
Subtotal	2 427.5	1 122.9	78.5	26.2	45.1	24.9

TABLE 2-5 (continued)

Geological Distribution	1	2	3	4	5	6
	Initial Volume in Place	Initial Established Reserves	Remaining Established Reserves	Initial Volume in Place	Initial Established Reserves	Remaining Established Reserves
	10 ⁶ m ³			percentage of total		
Middle Devonian						
Gilwood	293.9	129.6	11.4	3.2	5.2	3.6
Sulphur Point	9.0	1.3	0.3	0.1	0.1	0.1
Muskeg	49.9	7.6	0.8	0.5	0.3	0.3
Keg River	487.8	176.4	25.6	5.3	7.1	8.1
Keg River SS	44.3	17.0	1.8	0.5	0.7	0.6
Granite Wash	53.0	11.5	2.9	0.6	0.5	0.9
Subtotal	937.9	343.4	42.8	10.1	13.8	13.6
Undefined and Confidential	58.0	4.3	3.0	0.6	0.2	1.0
Total ^a	9 264.1 (58 298) ^b	2 490.1 (15 670) ^b	315.2 (1 984) ^b	100.0	100.0	100.0

a Discrepancies in totals and subtotals are due to rounding.

b Imperial equivalent in millions of stock-tank barrels.



Reserves of Conventional Crude Oil and Basic Data

EUB - NEB
COMMON RESERVES DATABASE

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
ACHESON 053-26W4								
BLAIRMORE A	879.0	0.17		149.0		149.0	139.8	9.2
BLAIRMORE B	111.0	0.15		16.7		16.7	9.7	7.0
BLAIRMORE C	375.0	<0.13		48.6		48.6	42.2	6.4
BLAIRMORE F	370.0	0.25		92.5		92.5	83.1	9.4
BLAIRMORE J	304.0	0.25		76.0		76.0	64.8	11.2
BLAIRMORE K	1 250.0	0.15		188.0		188.0	173.9	14.1
BLAIRMORE L	289.0	<0.04		11.6		11.6	11.6	
BLAIRMORE P	183.0	<0.01		0.1		0.1	0.1	
BLAIRMORE S	255.0	0.06		15.3		15.3	11.9	3.4
BLAIRMORE V	198.0	0.10		19.8		19.8	18.6	1.2
BLAIRMORE X	99.8	0.15		15.0		15.0	13.9	1.1
BLAIRMORE Z	42.5	0.02		0.9		0.9	0.7	0.2
BLAIRMORE AA	78.3	0.05		3.9		3.9	2.9	1.0
BLAIRMORE BB	68.0	<0.08		5.2		5.2	5.2	
BLAIRMORE CC	27.4	<0.02		0.5		0.5	0.5	
BLAIRMORE EE	39.2	0.01		0.4		0.4	0.4	
BLAIRMORE D & I	2 319.0	0.16		371.0		371.0	331.6	39.4
ELLERSLIE A	172.0	<0.04		6.3		6.3	6.3	
ELLERSLIE B	96.8	0.15		14.5		14.5	9.8	4.7
ELLERSLIE C	101.0	<0.04		3.2		3.2	3.2	
DETRITAL A	50.6	<0.18		8.9		8.9	8.9	
DETRITAL C	62.2	<0.01		0.3		0.3	0.3	
DETRITAL E	199.0	<0.05		8.5		8.5	8.5	
DETRITAL F	77.6	0.10		7.8		7.8	0.7	7.1
WABAMUN A	95.5	<0.09		8.0		8.0	6.0	2.0
WABAMUN B	92.5	0.05		4.6		4.6	4.0	0.6
D-2 A	775.0	0.60		465.0		465.0	449.2	15.8
D-2 B	98.1	0.35		34.3		34.3	28.2	6.1
D-2 C	175.0	0.25		43.8		43.8	21.2	22.6
D-2 D	13.5	<0.10		1.3		1.3	1.3	
D-3 A TOTAL	29 810.0			16 100.0	5 036.0	21 140.0	21 015.4	124.6
PRIMARY AREA	161.0	0.54		86.9		86.9		
SOLVENT FLOOD AREA	3 840.0	0.54	0.31	2 074.0	1 190.0	3 264.0		
WATER FLOOD AREA	25 810.0	0.54	0.14	13 940.0	3 846.0	17 790.0		
D-3 B	119.0	0.50		59.5		59.5	14.4	45.1
FIELD TOTAL	38 826.0			17 780.5	5 036.0	22 820.5	22 488.3	332.2
ACHESON EAST 052-25W4								
BLAIRMORE A	500.0	0.30		150.0		150.0	146.0	4.0
BLAIRMORE B	6 465.0	0.20		1 293.0		1 293.0	943.2	349.8
BLAIRMORE C	205.0	0.35		71.8		71.8	63.8	8.0
BLAIRMORE D	572.0	0.30		171.0		171.0	142.4	28.6
BLAIRMORE E	226.0	<0.14		29.8		29.8	29.8	
BLAIRMORE G	171.0	0.10		17.1		17.1	10.5	6.6
BLAIRMORE H	39.8	<0.05		1.9		1.9	1.9	
BLAIRMORE I	47.4	<0.17		7.8		7.8	7.8	
BLAIRMORE J	93.6	<0.06		4.9		4.9	4.9	
BLAIRMORE K	374.0	<0.02		6.7		6.7	6.7	
BLAIRMORE L	23.2	<0.02		0.4		0.4	0.4	
BLAIRMORE M	27.7	0.05		1.4		1.4	0.5	0.8
BLAIRMORE N	62.4	0.15		9.4		9.4	2.2	6.6
GLAUCONITIC A	67.6	<0.01		0.3		0.3	0.3	
BLAIRMORE F & GLAUCONITIC B	683.0	0.07		47.8		47.8	42.2	5.6
FIELD TOTAL	9 557.7			1 813.3		1 813.3	1 403.3	410.0
ADAMS 071-08W5								
GILWOOD A	34.2	<0.20		6.6		6.6	6.6	
GILWOOD B	93.3	0.25		23.3		23.3	22.2	1.1
FIELD TOTAL	127.5			29.9		29.9	28.8	1.1
ADEN 001-09W4								
BOW ISLAND B	221.0	<0.01		1.1		1.1		
FIELD TOTAL	221.0			1.1		1.1	1.1	
AERIAL 029-18W4								
VIKING A	275.0	<0.01		0.6		0.6	0.6	
MANNVILLE TOTAL	1 474.0			163.0	166.0	329.0	322.0	7.0

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
323	1.86	0.220	0.18	0.81	83	839	54	9 196	-531.3	1 233.3	1952	1992-12 GPP
80	1.28	0.175	0.27	0.85	81	834	54	9 470	-543.7	1 263.8	1954	1992-12 GPP
48	6.81	0.187	0.27	0.84	82	834	56	9 174	-556.1	1 272.5	1954	1996-06 GPP
115	2.76	0.180	0.23	0.84	81	855	52	9 403	-554.4	1 275.5	1950	1988-12 GPP
25	10.97	0.185	0.25	0.80	84	839	52	9 503	-517.0	1 231.4	1960	1994-10 GPP
235	5.63	0.150	0.25	0.84	76	855	54	9 296	-537.8	1 250.9	1951	1992-12 GPP
129	1.74	0.214	0.25	0.80	53	855	54	9 471	-510.8	1 204.0	1950	1974-12 ABAND 1974
64	3.50	0.170	0.40	0.80	77	840	51	8 988	-514.3	1 214.3	1980	1983-12 ABAND 1985
32	6.85	0.190	0.27	0.84	82	834	56	9 549	-553.0	1 274.8	1954	1998-12 GPP
32	5.30	0.190	0.27	0.84	60	867	55	9 033	-555.8	1 274.2	1983	1998-12 GPP
16	5.50	0.180	0.25	0.84	68	853	56	9 208	-529.5	1 245.8	1951	1991-12 GPP
16	2.74	0.210	0.45	0.84	81	839	49	9 198	-527.0	1 245.5	1955	1997-12 GPP
16	5.18	0.150	0.25	0.84	76	855	54	9 174	-551.9	1 259.3	1969	1997-12 GPP
27	2.70	0.150	0.26	0.84	76	855	54	9 457	-546.0	1 265.7	1951	1996-06 GPP
16	1.70	0.160	0.25	0.84	51	850	54	9 267	-537.7	1 255.2	1952	1995-02 ABAND 1994
16	2.70	0.180	0.40	0.84	81	839	49	9 329	-527.5	1 251.4	1965	1992-09 ABAND 1992
752	3.54	0.170	0.39	0.84	81	839	49	9 071	-520.8	1 236.2	1950	1998-07 GPP
32	4.80	0.190	0.30	0.84	57	840	54	9 429	-567.2	1 275.6	1962	1996-06 GPP
16	5.00	0.210	0.28	0.80	70	835	72	9 136	-527.3	1 231.0	1982	1996-12 GPP
16	6.00	0.220	0.40	0.80	68	845	72	9 066	-513.8	1 191.5	1981	1997-12 GPP
32	1.65	0.190	0.40	0.84	81	840	54	9 754	-605.4	1 321.8	1951	1994-11 GPP
16	2.40	0.230	0.20	0.88	74	857	49	9 167	-584.9	1 301.8	1952	1996-06 GPP
64	2.50	0.210	0.26	0.80	74	804	50	8 460	-584.1	1 295.8	1951	1995-05 ABAND 1995
32	2.50	0.190	0.42	0.88	74	857	49		-617.0	1 338.9	1996	1997-06 GPP
16	12.00	0.090	0.35	0.85	60	885	42	7 940	-611.2	1 314.0	1982	1998-12 GPP
64	8.50	0.040	0.50	0.85	60	885	48	8 377	-665.0	1 380.3	1980	1992-09 GPP
486	8.17	0.034	0.30	0.82	64	834	57	10 994	-689.2	1 395.1	1952	1994-10 GPP
128	6.01	0.024	0.36	0.83	64	834	56	11 093	-705.7	1 420.4	1952	1992-08 GPP
64	7.93	0.060	0.30	0.82	66	834	58	11 131	-710.2	1 427.7	1951	1991-07 GPP
16	4.50	0.040	0.43	0.82	64	835	57	11 176	-704.1	1 419.8	1951	1996-12 ABAND 1994
1 558					90	834	60	12 031	-824.4	1 538.9	1950	1998-12 GPP
16	12.60	0.114	0.08	0.76								
262	18.39	0.114	0.08	0.76								
1 280	25.30	0.114	0.08	0.76								
31	7.40	0.090	0.25	0.77	91	841	60	11 892	-842.2	1 567.6	1994	1995-03
84	5.51	0.185	0.27	0.80	74	839	52	9 297	-515.7	1 209.1	1953	1994-10 GPP
1 998	3.21	0.180	0.30	0.80	74	839	52	9 037	-532.1	1 235.3	1957	1995-12 GPP
63	3.11	0.190	0.31	0.80	74	857	52	9 425	-532.3	1 240.8	1981	1998-12 GPP
132	4.04	0.200	0.33	0.80	71	845	51	9 251	-535.2	1 238.1	1958	1994-10 GPP
32	6.80	0.200	0.35	0.80	56	854	50	8 705	-528.8	1 229.7	1983	1997-12 GPP
64	2.70	0.180	0.32	0.81	71	845	51	9 299	-547.9	1 247.4	1965	1990-02 GPP
16	2.90	0.160	0.33	0.80	71	839	47	9 409	-529.9	1 239.9	1989	1992-07 ABAND 1991
64	0.70	0.200	0.33	0.79	83	826	54	9 325	-537.9	1 235.3	1988	1997-12 GPP
16	4.57	0.200	0.20	0.80	62	835	52	9 384	-641.0	1 336.0	1955	1976-12 ABAND 1958
64	4.57	0.200	0.20	0.80	74	839	50	9 382	-640.7	1 335.9	1958	1975-12 ABAND 1969
16	2.00	0.160	0.48	0.87	56	840	46	8 406	-490.4	1 174.9	1993	1997-12 GPP
16	2.30	0.180	0.52	0.87	56	840	46	8 469	-498.6	1 183.2	1993	1997-12 GPP
32	2.00	0.180	0.37	0.86	58	841	54			1 290.0	1997	1998-05
16	3.60	0.170	0.25	0.92	26	945	50	9 071	-456.3	1 155.8	1965	1989-12 ABAND 1988
256	3.63	0.140	0.36	0.82	67	865	49	8 734	-491.6	1 176.5	1971	1989-04 GPP
32	1.80	0.110	0.40	0.90	25	762	63	19 384	-1 286.2	2 093.3	1979	1996-06 ABAND 1997
64	1.79	0.130	0.28	0.87	32	824	72	19 377	-1 285.2	2 084.9	1990	1994-10 GPP
128	1.39	0.230	0.40	0.90	21	839	32	4 235	487.4	635.5	1967	1985-06 ABAND 1994
64	5.10	0.150	0.25	0.75	125	832	43	8 756	-265.6	1 116.5	1979	1983-12 GPP
391					78	849	48	10 001	-447.2	1 287.4	1958	1994-12

TABLE 2-6

FIELD POOL	1	3		6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
AERIAL 029-18W4 (CONTINUED)								
PRIMARY AREA	286.0	0.07		20.0		20.0		
GAS FLOOD AREA	1 188.0	0.12	0.14	143.0	166.0	309.0		
MANNVILLE B	83.6	<0.01		0.6		0.6	0.6	
MANNVILLE C	154.0	0.05		7.7		7.7	2.3	5.4
MANNVILLE D	211.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	2 197.6			172.0	166.0	338.0	325.6	12.4
AETNA 001-25W4 SECOND WHITE SPECKS A	209.0	<0.01		1.0		1.0	0.6	0.4
FIELD TOTAL	209.0			1.0		1.0	0.6	0.4
ALBRIGHT 071-09W6 CHARLIE LAKE A	75.1	<0.07		5.0		5.0	5.0	
FIELD TOTAL	75.1			5.0		5.0	5.0	
ALDERSON 016-12W4								
LOWER MANNVILLE L4L	61.2	0.10		6.1		6.1	0.9	5.2
LOWER MANNVILLE M4M	502.0	0.10		50.2		50.2	16.7	33.5
LOWER MANNVILLE R4R	59.8	0.10		6.0		6.0	1.1	4.9
LOWER MANNVILLE S4S	101.0	0.05		5.1		5.1	0.9	4.2
ARCS D	4 478.0	0.10		448.0		448.0	14.4	433.6
FIELD TOTAL *	5 202.0			515.4		515.4	34.0	481.4
ALIX 040-23W4 D-2	1 676.0	0.35		587.0		587.0	581.4	5.6
FIELD TOTAL	1 676.0			587.0		587.0	581.4	5.6
ALLIANCE 040-12W4								
BLAIRMORE	657.0	0.25		164.0		164.0	131.6	32.4
BLAIRMORE C	97.0	0.05		4.9		4.9	3.9	1.0
FIELD TOTAL	754.0			168.9		168.9	135.5	33.4
ALSIKE 049-02W5 BANFF A	149.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	149.0			0.3		0.3	0.3	
AMBER 115-07W6								
SULPHUR POINT D	158.0	<0.01		0.1		0.1	0.1	
MUSKEG A	14.3	<0.13		1.8		1.8	1.8	
MUSKEG B	162.0	<0.23		36.7		36.7	36.7	
MUSKEG C	129.0	0.30		38.7		38.7	33.9	4.8
MUSKEG D	102.0	<0.03		3.0		3.0	3.0	
MUSKEG E	200.0	<0.02		3.3		3.3	3.3	
MUSKEG F	105.0	<0.09		9.2		9.2	9.2	
MUSKEG G	236.0	<0.02		2.6		2.6	2.6	
MUSKEG H	79.0	<0.01		0.1		0.1	0.1	
MUSKEG I	51.7	<0.01		0.5		0.5	0.5	
MUSKEG J	158.0	0.20		31.6		31.6	5.5	26.1
KEG RIVER A	372.0	<0.12		43.7		43.7	43.7	
KEG RIVER B	540.0	0.15		81.0		81.0	62.1	18.9
KEG RIVER C	255.0	0.15		38.3		38.3	33.7	4.6
KEG RIVER E	330.0	<0.27		87.4		87.4	87.4	
KEG RIVER F	222.0	<0.26		56.1		56.1	56.1	
KEG RIVER G	197.0	0.30		59.1		59.1	58.3	0.8
KEG RIVER H	190.0	0.15		28.5		28.5	6.7	21.8
KEG RIVER I	115.0	<0.05		4.8		4.8	4.8	
KEG RIVER J	121.0	<0.01		0.2		0.2	0.2	
KEG RIVER K	77.0	<0.05		3.6		3.6	3.6	
KEG RIVER P	300.0	0.10		30.0		30.0	27.2	2.8
KEG RIVER Q	295.0	0.25		73.8		73.8	64.9	8.9
KEG RIVER R	253.0	0.15		38.0		38.0	37.4	0.6
KEG RIVER S	100.0	0.30		30.0		30.0	26.4	3.6
KEG RIVER T	130.0	0.30		39.0		39.0	34.5	4.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
81	2.42	0.223	0.20	0.82								
310	2.62	0.223	0.20	0.82								
32	4.90	0.130	0.50	0.82	73	867	47	10 014	-452.9	1 297.5	1979	1997-12 GPP
16	11.00	0.150	0.22	0.75	112	854	43	9 148	-472.6	1 323.5	1979	1997-10 GPP
64	3.90	0.172	0.40	0.82	78	850	24	7 487	-451.1	1 293.3	1980	1989-12 GPP
16	27.50	0.060	0.14	0.92	26	816	58	17 400	-920.2	2 253.0	1993	1997-12 GPP
64	1.90	0.090	0.12	0.78	76	832	73	28 367	-1 587.5	2 344.4	1983	1996-06 GPP
16	3.10	0.210	0.34	0.89	50	877	32		-225.5	983.2	1997	1997-12 GPP
118	3.50	0.210	0.35	0.89	50	877	32		-212.0	970.5	1997	1998-10 GPP
16	4.40	0.180	0.47	0.89	50	877	32			973.6	1997	1998-04 GPP
32	3.78	0.200	0.52	0.87	59	886	29			974.9	1997	1998-04 GPP
326	16.10	0.120	0.21	0.90	46	855	36		-475.6	1 225.7	1997	1998-09 GPP
1 081	4.73	0.057	0.19	0.71	152	825	59	16 573	-939.6	1 825.5	1956	1991-12 GPP
137	3.21	0.250	0.35	0.92	29	898	35	6 811	-250.1	962.0	1951	1991-12 GPP
32	1.77	0.260	0.26	0.89	45	875	35	5 819	-242.0	955.6	1985	1997-12 GPP
64	3.50	0.120	0.35	0.85	77	900	64	16 055	-799.4	1 548.7	1980	1983-12 ABAND 1988
64	9.50	0.050	0.36	0.81	76	838	68	13 773	-1 062.4	1 422.5	1989	1990-11
2	17.50	0.060	0.15	0.80	73	844	72	15 127	-1 145.3	1 506.8	1968	1971-05 ABAND 1991
17	22.74	0.065	0.15	0.76	95	834	70	15 610	-1 205.3	1 565.0	1968	1997-12 GPP
64	10.50	0.030	0.20	0.80	64	800	82	14 712	-1 200.0	1 577.3	1982	1998-12 GPP
16	12.70	0.070	0.10	0.80	86	846	70	12 160	-1 153.5	1 521.8	1983	1993-10 ABAND 1993
64	5.00	0.085	0.08	0.80	68	856	78	13 194	-1 160.0	1 535.1	1983	1988-12 ABAND 1993
32	5.40	0.090	0.10	0.75	139	820	72	14 932	-1 141.6	1 520.3	1984	1997-12 ABAND 1997
64	7.68	0.071	0.10	0.75	64	828	68	16 721	-1 142.6	1 503.4	1984	1988-02 ABAND 1989
16	7.00	0.100	0.15	0.83	64	857	68	15 409	-1 121.0	1 497.0	1987	1990-11 ABAND 1994
16	5.50	0.090	0.13	0.75	96	848	79	14 572	-1 110.7	1 492.8	1992	1997-12 GPP
16	14.00	0.100	0.15	0.83	64	856	68	15 273	-1 223.3	1 585.5	1996	1996-07 GPP
19	43.90	0.070	0.15	0.75	110	825	72	15 603	-1 210.4	1 566.1	1968	1997-12 GPP
38	38.04	0.060	0.17	0.75	111	825	72	15 568	-1 204.7	1 566.2	1968	1991-12 GPP
12	36.79	0.093	0.15	0.73	127	830	76	16 069	-1 216.8	1 581.6	1968	1985-04 GPP
28	39.00	0.070	0.40	0.72	125	825	76	15 673	-1 216.5	1 580.1	1968	1997-12 GPP
14	26.35	0.097	0.15	0.73	126	829	67	15 708	-1 210.5	1 573.2	1968	1997-12 GPP
14	27.00	0.090	0.15	0.68	157	820	72	15 376	-1 187.2	1 556.6	1969	1998-10 GPP
16	24.10	0.080	0.18	0.75	114	825	72	15 276	-1 186.2	1 551.0	1969	1995-10 GPP
16	24.23	0.052	0.25	0.77	152	820	72	15 277	-1 183.6	1 551.8	1969	1978-12 GPP
4	40.23	0.120	0.15	0.74	110	829	77	9 852	-402.2	763.1	1969	1971-01
16	15.85	0.050	0.19	0.75	175	800	82	15 035	-1 163.1	1 550.8	1967	1997-12 ABAND 1998
25	18.50	0.100	0.10	0.72	128	820	76	15 544	-1 224.0	1 596.9	1982	1989-12 GPP
33	21.26	0.070	0.23	0.78	93	826	73	15 294	-1 202.0	1 567.5	1982	1997-12 GPP
16	23.60	0.100	0.13	0.77	93	829	73	15 493	-1 216.9	1 588.3	1983	1990-11 GPP
10	35.07	0.060	0.34	0.72	127	800	76	15 661	-1 203.4	1 580.8	1983	1997-12 GPP
16	12.00	0.100	0.10	0.75	138	806	71	15 248	-1 197.2	1 599.0	1984	1993-07 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
AMBER 115-07W6 (CONTINUED)								
KEG RIVER U	199.0	<0.08		15.8		15.8	15.8	
KEG RIVER V	600.0	<0.02		9.1		9.1	9.1	
KEG RIVER W	241.0	0.20		48.2		48.2	29.1	19.1
KEG RIVER X	44.8	<0.04		1.6		1.6	1.6	
KEG RIVER Y	80.3	0.30		24.1		24.1	11.6	12.5
KEG RIVER AA	300.0	<0.08		21.8		21.8	21.8	
KEG RIVER BB	86.3	0.13		11.2		11.2	11.2	
KEG RIVER CC	169.0	0.32		54.1		54.1	50.3	3.8
KEG RIVER FF	292.0	<0.05		12.8		12.8	12.8	
KEG RIVER GG	416.0	0.05		20.8		20.8	19.2	1.6
KEG RIVER HH	392.0	0.35		137.0		137.0	69.1	67.9
KEG RIVER II	292.0	0.10		29.2		29.2	11.4	17.8
KEG RIVER JJ	154.0	0.20		30.8		30.8	12.6	18.2
KEG RIVER KK	50.0	0.15		7.5		7.5	0.9	6.6
KEG RIVER LL	353.0	0.25		88.3		88.3	38.2	50.1
KEG RIVER MM	298.0	0.15		44.7		44.7	28.5	16.2
KEG RIVER OO	119.0	0.20		23.8		23.8	7.1	16.7
KEG RIVER PP	260.0	0.25		65.0		65.0	8.3	56.7
KEG RIVER QQ	182.0	0.05		9.1		9.1	7.1	2.0
KEG RIVER RR	319.0	0.15		47.9		47.9	16.1	31.8
KEG RIVER SS	171.0	<0.04		6.7		6.7	6.7	
KEG RIVER TT	107.0	0.30		32.1		32.1	5.3	26.8
KEG RIVER UU	32.3	0.37		12.0		12.0	9.0	3.0
KEG RIVER XX	86.1	0.25		21.5		21.5	5.6	15.9
KEG RIVER ZZ	233.0	0.15		35.0		35.0	6.7	28.3
KEG RIVER AAA	40.9	0.25		10.2		10.2	4.3	5.9
KEG RIVER BBB	43.4	0.10		4.3		4.3	0.8	3.5
KEG RIVER CCC	69.3	0.05		3.5		3.5	0.4	3.1
KEG RIVER DDD	66.8	0.20		13.4		13.4	3.2	10.2
KEG RIVER FFF	145.0	0.25		36.3		36.3	4.0	32.3
KEG RIVER GGG	91.7	0.10		9.2		9.2	0.1	9.1
KEG RIVER HHH	77.0	0.25		19.3		19.3	1.8	17.5
KEG RIVER III	326.0	0.15		48.9		48.9	0.8	48.1
FIELD TOTAL	11 228.9			1 696.3		1 696.3	1 074.2	622.1
AMELIA 010-27W4								
CARDIUM A	60.4	0.10		6.0		6.0	2.8	3.2
FIELD TOTAL	60.4			6.0		6.0	2.8	3.2
AMIGO 120-08W6								
MUSKEG A	26.1	<0.04		0.9		0.9	0.9	
MUSKEG B	117.0	<0.06		6.1		6.1	6.1	
KEG RIVER A	100.0	<0.12		11.9		11.9	11.9	
KEG RIVER B	600.0	0.40		240.0		240.0	202.0	38.0
KEG RIVER C	184.0	<0.32		58.8		58.8	58.8	
KEG RIVER D	332.0	<0.12		39.5		39.5	39.5	
KEG RIVER E	100.0	<0.10		9.4		9.4	9.4	
KEG RIVER F	176.0	<0.11		18.5		18.5	18.5	
KEG RIVER G	276.0	0.35		96.6		96.6	93.9	2.7
KEG RIVER H	320.0	<0.03		6.7		6.7	6.7	
KEG RIVER I	70.0	0.16		11.3		11.3	11.3	
KEG RIVER J	200.0	<0.16	0.09	30.2	18.0	48.2	45.3	2.9
WATER FLOOD								
KEG RIVER K	230.0	<0.01		2.1		2.1	2.1	
FIELD TOTAL	2 731.1			532.0	18.0	550.0	506.4	43.6
ANTE CREEK 065-24W5								
DUNVEGAN A	288.0	<0.01		0.7		0.7	0.7	
MONTNEY A	60.7	<0.02		1.2		1.2	1.2	
BEAVERHILL LAKE SOLVENT FLOOD	5 931.0	0.16	0.32	949.0	1 898.0	2 847.0	2 251.1	595.9
BEAVERHILL LAKE B	1 670.0	0.38		635.0		635.0	582.1	52.9
GILWOOD A	46.4	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	7 996.1			1 586.0	1 898.0	3 484.0	2 835.2	648.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	21.20	0.089	0.12	0.75	115	834	67	15 350	-1 204.9	1 564.4	1984	1985-03 ABAND 1987
24	42.00	0.095	0.13	0.72	127	810	76	15 277	-1 209.0	1 577.8	1985	1989-12
16	35.90	0.070	0.20	0.75	107	820	83	15 130	-1 189.8	1 589.0	1985	1993-07
13	10.85	0.058	0.27	0.75	115	820	83	14 967	-1 205.9	1 568.0	1986	1986-10 ABAND 1987
16	10.80	0.080	0.12	0.66	176	837	82	15 391	-1 192.5	1 593.6	1987	1993-09 GPP
16	26.71	0.100	0.10	0.78	53	823	82	15 619	-1 218.1	1 593.6	1984	1997-01 GPP
15	18.56	0.045	0.16	0.82	74	817	78	15 846	-1 245.8	1 620.5	1984	1997-12 GPP
12	15.40	0.127	0.10	0.80	70	832	68	15 633	-1 229.0	1 606.0	1985	1997-12 GPP
16	27.50	0.090	0.10	0.82	128	825	77	14 448	-1 192.4	1 575.3	1993	1997-12 GPP
16	34.00	0.100	0.10	0.85	100	830	64	15 397	-1 218.5	1 578.0	1993	1997-12 GPP
64	21.50	0.050	0.24	0.75	176	808	82	15 295	-1 177.9	1 568.3	1984	1998-12 GPP
16	19.00	0.140	0.12	0.78	93	826	73	15 270	-1 208.1	1 572.5	1993	1997-01 GPP
16	12.50	0.110	0.10	0.78	93	826	73	15 297	-1 208.6	1 576.8	1994	1994-08 GPP
8	20.04	0.050	0.20	0.78	93	826	73	15 154	-1 195.9	1 561.0	1993	1997-12 GPP
16	32.50	0.100	0.13	0.78	93	826	73	15 793	-1 225.2	1 596.3	1994	1994-08 GPP
16	31.00	0.100	0.25	0.80	72	841	76	15 886	-1 218.8	1 590.5	1994	1997-12 GPP
16	22.60	0.050	0.20	0.82	74	820	78	15 110	-1 190.9	1 586.3	1993	1995-05 GPP
11	36.00	0.090	0.10	0.81	65	835	77	14 526	-1 185.2	1 567.0	1995	1995-09 GPP
10	38.00	0.080	0.13	0.69	139	820	73	14 711	-1 192.6	1 564.0	1986	1997-12 GPP
16	30.00	0.090	0.10	0.82	74	820	78	15 472	-1 230.9	1 600.0	1995	1995-10 GPP
16	23.00	0.070	0.15	0.78	93	826	73	14 876	-1 186.0	1 588.5	1994	1997-12 GPP
16	38.50	0.030	0.25	0.77	101	824	72	15 098	-1 217.2	1 582.3	1996	1996-07 GPP
16	12.50	0.030	0.30	0.77	101	824	72	15 455	-1 213.8	1 579.3	1995	1997-12 GPP
16	41.00	0.020	0.20	0.82	74	820	78	15 401	-1 206.7	1 569.1	1995	1996-08 GPP
16	21.50	0.100	0.13	0.78	93	826	73	15 579	-1 231.8	1 604.3	1995	1996-08 GPP
16	10.40	0.040	0.25	0.82	74	820	78	13 862	-1 215.5	1 573.5	1996	1996-09 GPP
8	31.50	0.030	0.30	0.82	74	820	78	15 558	-1 206.6	1 568.3	1996	1997-04 GPP
16	44.00	0.020	0.40	0.82	74	820	78	15 688	-1 207.8	1 573.0	1996	1997-12 GPP
10	38.80	0.030	0.30	0.82	74	820	78	15 635	-1 220.2	1 579.5	1996	1998-10 GPP
16	21.70	0.060	0.15	0.82	74	820	78	15 652	-1 230.1	1 603.7	1985	1997-02 GPP
16	14.60	0.060	0.15	0.77	95	843	78	15 010	-1 201.4	1 567.3	1997	1997-06 GPP
24	9.00	0.050	0.13	0.82	74	820	78		-1 217.7	1 589.5	1983	1997-10 GPP
16	34.50	0.090	0.20	0.82	139	819	72			1 555.0	1997	1998-07
64	2.50	0.065	0.30	0.83	70	880	39	25 783	-1 052.8	2 051.3	1980	1992-07 GPP
16	3.50	0.080	0.13	0.67	155	808	83	15 467	-1 201.0	1 787.0	1983	1988-12
16	15.85	0.062	0.18	0.90	140	830	78	14 476	-1 085.0	1 745.3	1969	1997-12 GPP
6	55.10	0.054	0.20	0.70	130	833	83	13 901	-1 231.0	1 818.5	1981	1986-09 ABAND 1992
13	96.96	0.080	0.15	0.70	135	804	74	15 435	-1 149.3	1 756.0	1979	1986-06 GPP
6	58.17	0.080	0.11	0.74	118	850	71	16 196	-1 118.7	1 728.5	1982	1996-06 GPP
16	60.13	0.060	0.20	0.72	146	804	74	15 371	-1 198.0	1 793.6	1968	1979-12
9	38.00	0.060	0.25	0.65	160	814	78	15 569	-1 219.6	1 804.0	1982	1996-06
10	32.11	0.100	0.13	0.63	170	826	71	16 214	-1 160.0	1 746.0	1982	1996-06 GPP
29	32.79	0.060	0.18	0.59	233	803	81	16 864	-1 208.1	1 803.5	1983	1986-06
10	52.30	0.096	0.09	0.70	100	816	77	15 592	-1 202.2	1 786.5	1985	1989-12
5	20.80	0.120	0.20	0.70	233	803	81	16 031	-1 265.5	1 852.0	1982	1986-09
17	37.60	0.058	0.17	0.65	159	830	70	15 630	-1 156.0	1 758.8	1986	1997-12 GPP
22	27.69	0.070	0.13	0.62	233	811	81	15 849	-1 244.7	1 824.0	1983	1992-11 GPP
64	4.61	0.181	0.35	0.83	62	834	59	10 421	-579.3	1 365.7	1973	1974-12 ABAND 1979
16	6.00	0.100	0.22	0.81	59	830	73	21 002	-1 313.2	2 212.7	1993	1996-06
3 644	6.90	0.063	0.22	0.48	342	806	110	35 534	-2 575.2	3 431.1	1962	1989-10 GPP
1 540	3.90	0.057	0.25	0.65	166	820	103	37 683	-2 628.4	3 389.3	1966	1994-10 GPP
65	2.44	0.090	0.35	0.50	35	806	107	34 706	-2 617.9	3 397.6	1964	1965-05 ABAND 1972

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
ANTE CREEK NORTH 067-23W5								
TRIASSIC A	198.0	0.05		9.9		9.9	1.5	8.4
TRIASSIC B	291.0	<0.01		0.2		0.2	0.2	
TRIASSIC C	2 435.0	0.05		122.0		122.0	2.3	119.7
TRIASSIC E	12 840.0	0.08		1 027.0		1 027.0	152.2	874.8
TRIASSIC H	154.0	0.01		1.5		1.5	0.6	0.9
WABAMUN A	615.0	0.10		61.5		61.5	18.9	42.6
FIELD TOTAL *	16 533.0			1 222.1		1 222.1	175.7	1 046.4
ANTELOPE 030-01W4 DETRITAL C	232.0	0.05		11.6		11.6	4.8	6.8
FIELD TOTAL *	232.0			11.6		11.6	4.8	6.8
ARMADA 017-19W4								
UPPER MANNVILLE A	818.0	0.05		40.9		40.9	24.1	16.8
UPPER MANNVILLE F	143.0	<0.01		1.3		1.3	1.3	
BASAL QUARTZ G	107.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	1 068.0			42.3		42.3	25.5	16.8
ARMISIE 052-25W4 BLAIRMORE	2 381.0	0.20		476.0		476.0	457.6	18.4
FIELD TOTAL	2 381.0			476.0		476.0	457.6	18.4
ASTOTIN 054-18W4								
VIKING D	109.0	<0.01		0.4		0.4	0.4	
VIKING H	97.2	0.10		9.7		9.7	8.6	1.1
VIKING I	187.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	393.2			10.3		10.3	9.2	1.1
ATIKAMIK 084-06W5 KEG RIVER A	52.0	<0.05		2.2		2.2	2.2	
FIELD TOTAL	52.0			2.2		2.2	2.2	
ATIM 054-27W4 WABAMUN A	110.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL *	110.0			0.4		0.4	0.4	
BADGER 016-18W4 UPPER MANNVILLE A	171.0	0.03		5.1		5.1	1.4	3.7
FIELD TOTAL *	171.0			5.1		5.1	1.4	3.7
BALSAM 082-11W6 BALDONNEL A	61.5	0.10		6.2		6.2	1.5	4.7
HALFWAY A	102.0	0.03		3.1		3.1	3.1	
FIELD TOTAL	163.5			9.3		9.3	4.6	4.7
BANTRY 019-14W4 SUNBURST M	153.0	0.10		15.3		15.3	3.6	11.7
SUNBURST O	376.0	0.15		56.4		56.4	7.6	48.8
FIELD TOTAL *	529.0			71.7		71.7	11.2	60.5
BARONS 012-23W4								
COLORADO	280.0	<0.30		83.1		83.1	83.1	
BARONS A	313.0	0.20		62.6		62.6	31.1	31.5
BARONS C	17.4	0.20		3.5		3.5	0.6	2.9
BOW ISLAND A	65.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	675.4			149.4		149.4	115.0	34.4
BARTMAN 025-09W4 VIKING B	241.0	<0.01		1.7		1.7	1.7	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	6.27	0.110	0.35	0.69	147	825	59	16 614	-1 105.0	1 879.1	1971	1997-06
16	23.50	0.130	0.33	0.89	100	873	80	15 391	-1 048.7	1 760.0	1995	1997-12
813	5.12	0.120	0.35	0.75	110	858	61		-1 080.9	1 820.1	1997	1998-05 GPP
2 311	5.94	0.150	0.19	0.77	105	848	64	16 396	-1 169.9	1 906.1	1995	1998-03
32	7.50	0.140	0.39	0.75	110	830	61		-1 068.1	1 801.4	1996	1997-12
64	66.00	0.020	0.20	0.91	162	832	80	23 107	-1 831.5	2 617.0	1994	1997-12 GPP
16	9.50	0.310	0.46	0.91	36	940	35	8 461	-96.3	811.7	1988	1990-09 GPP
64	8.33	0.210	0.14	0.85	62	896	45	11 821	-345.2	1 197.4	1980	1997-08 GPP
32	7.60	0.160	0.54	0.80	94	835	46	12 714	-397.3	1 250.0	1988	1994-11 ABAND 1993
64	2.00	0.160	0.40	0.87	60	871	36	10 382	-373.7	1 213.4	1984	1988-12 ABAND 1989
431	5.39	0.190	0.35	0.83	79	834	49	9 653	-560.4	1 246.7	1951	1992-02 GPP
64	1.50	0.210	0.40	0.90	41	864	23	4 628	-16.4	683.3	1981	1988-12 ABAND 1993
32	2.20	0.250	0.40	0.92	30	846	28	5 108	-15.2	687.6	1983	1994-10 GPP
64	2.20	0.240	0.40	0.92	30	846	28	5 662	-8.5	681.1	1984	1988-12 ABAND 1986
32	2.20	0.140	0.34	0.80	84	846	36	17 077	-959.5	1 559.5	1985	1992-06 ABAND 1992
16	6.50	0.180	0.30	0.84	61	839	54	10 082	-600.0	1 326.8	1992	1993-08 ABAND 1992
64	1.83	0.240	0.30	0.87	51	881	54	12 243	-315.1	1 125.9	1974	1996-12
16	2.50	0.230	0.24	0.88	44	906	46		-568.0	1 241.3	1996	1997-06 GPP
64	2.60	0.120	0.38	0.82	76	839	56	14 004	-735.2	1 371.4	1992	1997-12 ABAND 1997
128	1.80	0.140	0.45	0.86	64	861	35	10 504	-258.1	1 011.2	1996	1998-09 GPP
64	5.00	0.220	0.40	0.89	50	877	32			981.0	1997	1998-04
221	0.82	0.227	0.20	0.85	51	855	37	4 137	-273.3	1 253.6	1950	1975-12 ABAND 1985
192	1.88	0.170	0.40	0.85	62	857	35	5 329	-390.8	1 349.6	1974	1998-12 GPP
64	0.27	0.160	0.30	0.90	88	864	40		-464.6	1 435.8	1997	1998-11 GPP
65	1.52	0.140	0.50	0.94	23	855	34	5 061	-346.6	1 307.9	1973	1974-12 ABAND 1976
64	5.00	0.190	0.55	0.88	49	858	29	6 354	-40.1	772.0	1978	1990-12 ABAND 1989

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
BARTMAN 025-09W4 (CONTINUED)								
FIELD TOTAL	241.0			1.7		1.7	1.7	*
BASHAW 041-23W4								
BASAL MANNVILLE U	146.0	<0.01		1.3		1.3	1.3	
BASAL MANNVILLE CC	104.0	<0.02		1.1		1.1	1.1	
BASAL MANNVILLE FF	456.0	0.10		45.6		45.6	3.2	42.4
BASAL MANNVILLE II	124.0	<0.01		0.3		0.3	0.3	
D-2 A	992.0	<0.03		25.0		25.0	23.9	1.1
D-2 B	2 035.0	0.45		916.0		916.0	743.1	172.9
D-2 C WATER FLOOD	1 200.0	0.20	0.10	240.0	120.0	360.0	276.3	83.7
D-2 D	356.0	0.20		71.2		71.2	65.1	6.1
D-2 E	526.0	0.35		184.0		184.0	102.2	81.8
D-2 F	1 006.0	0.45		453.0		453.0	226.0	227.0
D-2 G WATER FLOOD	3 308.0	0.20	0.20	662.0	662.0	1 324.0	1 034.6	289.4
D-2 H WATER FLOOD	850.0	0.10	0.05	85.0	42.5	128.0	94.0	34.0
D-2 I	503.0	0.30		151.0		151.0	91.5	59.5
D-2 L WATER FLOOD	1 210.0	0.20	0.45	242.0	545.0	787.0	448.9	338.1
IRETON A	416.0	0.08		33.3		33.3	32.2	1.1
D-3 A	2 238.0	0.35		783.0		783.0	704.6	78.4
D-3 B	264.0	0.12		31.7		31.7	30.4	1.3
D-3 C	160.0	<0.01		0.1		0.1	0.1	
D-3 D	57.8	<0.01		0.1		0.1	0.1	
FIELD TOTAL	15 951.8			3 925.7	1 369.5	5 295.7	3 878.9	1 416.8
BASSANO 021-18W4								
UPPER MANNVILLE E	22.1	0.15		3.3		3.3	1.4	1.9
UPPER MANNVILLE F	300.0	0.10		30.0		30.0	13.7	16.3
UPPER MANNVILLE I	41.1	0.05		2.1		2.1	1.6	0.5
UPPER MANNVILLE K	167.0	0.05		8.4		8.4	4.0	4.4
UPPER MANNVILLE L	57.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE N	135.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE O	834.0			167.0	152.0	319.0	142.0	177.0
TOTAL								
PRIMARY AREA	75.3	0.20		15.1		15.1		
WATER FLOOD AREA	759.0	0.20	0.20	152.0	152.0	304.0		
UPPER MANNVILLE P	120.0	0.10		12.0		12.0	4.0	8.0
UPPER MANNVILLE Q	699.0	0.10		69.9		69.9	18.8	51.1
UPPER MANNVILLE V	31.2	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE B	109.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE D	118.0	0.15		17.7		17.7	8.3	9.4
LOWER MANNVILLE F	47.3	0.05		2.4		2.4	0.1	2.3
LOWER MANNVILLE I	82.0	0.05		4.1		4.1	0.2	3.9
OSTRACOD A	136.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL	2 899.1			318.5	152.0	470.5	195.7	274.8
BATTLE 046-20W4								
VIKING	824.0	<0.21		172.9		172.9	172.9	
FIELD TOTAL	824.0			172.9		172.9	172.9	
BATTLE NORTH 046-20W4								
VIKING	242.0	<0.27		63.8		63.8	63.8	
FIELD TOTAL	242.0			63.8		63.8	63.8	
BATTLE SOUTH 045-20W4								
VIKING	937.0	<0.23		207.1		207.1	207.1	
FIELD TOTAL	937.0			207.1		207.1	207.1	
BEATON 087-02W6								
WABAMUN A	50.3	0.10		5.0		5.0	3.7	1.3
GILWOOD A	487.0	<0.08		35.5		35.5	35.5	
FIELD TOTAL	537.3			40.5		40.5	39.2	1.3
BEAVERHILL LAKE 052-19W4								
UPPER VIKING F	150.0	<0.01		0.4		0.4	0.4	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.70	0.170	0.40	0.83	76	844	42	10 679	-638.7	1 478.7	1978	1985-12 ABAND 1988
32	4.00	0.160	0.40	0.85	64	852	48	10 476	-611.0	1 400.9	1988	1994-11 ABAND 1994
64	6.00	0.210	0.35	0.87	53	881	53	10 731	-681.5	1 504.0	1995	1997-10
32	2.50	0.240	0.26	0.87	59	853	40	9 575	-497.5	1 292.8	1995	1997-12 GPP
903	4.82	0.037	0.20	0.77	93	844	57	15 450	-837.2	1 714.3	1951	1988-12 GPP
461	6.06	0.110	0.14	0.77	88	830	62	12 937	-926.5	1 806.7	1973	1998-02 GPP
128	20.00	0.072	0.12	0.74	107	825	70	14 165	-896.6	1 750.0	1987	1997-12 GPP
64	8.22	0.110	0.19	0.76	107	826	70	13 770	-920.7	1 780.8	1987	1996-08 GPP
128	6.99	0.090	0.14	0.76	107	825	70	12 387	-905.6	1 783.3	1988	1990-01
200	8.55	0.090	0.14	0.76	107	825	70	12 521	-897.2	1 780.3	1988	1994-10
704	6.78	0.100	0.10	0.77	92	835	51	16 780	-887.0	1 727.8	1989	1998-12 GPP
116	6.62	0.160	0.09	0.76	107	826	70	12 488	-898.7	1 769.8	1991	1994-12 GPP
64	15.20	0.080	0.15	0.76	107	825	70	12 559	-895.3	1 763.7	1990	1991-07
249	8.46	0.090	0.16	0.76	107	825	70	16 099	-890.7	1 730.3	1992	1998-12 GPP
64	15.70	0.074	0.30	0.80	76	910	51	16 359	-851.6	1 714.8	1963	1992-12 GPP
1 936	2.97	0.070	0.17	0.67	163	825	58	15 920	-876.3	1 756.7	1951	1994-10 GPP
130	4.72	0.077	0.20	0.70	142	829	58	15 349	-880.6	1 751.3	1965	1992-12 GPP
64	4.00	0.110	0.15	0.67	163	827	58	12 255	-864.1	1 696.4	1985	1985-09
64	2.50	0.070	0.23	0.67	163	895	54	12 723	-903.9	1 736.2	1986	1986-10
16	1.40	0.200	0.42	0.85	62	875	37	10 032	-425.1	1 278.8	1991	1997-12 GPP
32	5.19	0.250	0.17	0.87	56	868	37	10 525	-433.3	1 258.6	1992	1993-06 GPP
16	4.67	0.160	0.60	0.86	65	868	33	10 835	-476.1	1 294.2	1993	1997-12 GPP
16	13.50	0.180	0.50	0.86	65	868	40	11 966	-460.6	1 304.8	1993	1995-10 GPP
16	5.50	0.150	0.50	0.87	58	871	40	10 567	-459.4	1 263.9	1993	1996-06 GPP
16	11.00	0.160	0.50	0.96	76	888	37	10 554	-457.9	1 273.0	1994	1996-02 ABAND 1995
103					65	868	40	12 150	-480.1	1 305.9	1994	1995-12
16	3.00	0.240	0.24	0.86								
87	5.01	0.250	0.19	0.86								GPP
16	10.00	0.160	0.46	0.87	58	871	39	12 125	-477.0	1 323.0	1995	1996-07
64	6.43	0.250	0.21	0.86	65	868	40	9 064	-471.3	1 355.2	1995	1997-02 GPP
8	6.30	0.180	0.60	0.86	65	868	40	9 090	-467.1	1 352.5	1996	1997-12
16	6.30	0.150	0.25	0.96	12	900	38	11 027	-490.9	1 336.5	1993	1994-11 ABAND 1994
64	1.80	0.210	0.44	0.87	65	872	36	12 220	-510.5	1 333.8	1995	1996-03
32	2.20	0.170	0.54	0.86	66	881	32	12 079	-500.2	1 329.4	1996	1997-02
16	5.70	0.190	0.45	0.86	100	848	52			1 309.0	1995	1998-07
64	1.80	0.210	0.34	0.85	68	883	31	9 660	-396.1	1 179.1	1984	1984-11 ABAND 1995
574	1.82	0.146	0.40	0.90	35	839	37	5 694	-240.9	981.6	1953	1996-06 GPP
194	1.54	0.150	0.40	0.90	35	839	37	5 711	-243.2	990.2	1954	1989-12 ABAND 1993
451	2.53	0.152	0.40	0.90	35	839	37	5 926	-236.0	966.0	1954	1996-06 GPP
32	5.79	0.050	0.19	0.67	160	876	62	15 827	-958.8	1 654.0	1974	1998-12
65	7.32	0.200	0.20	0.64	283	833	55	19 524	-1 386.4	2 105.4	1955	1975-12 ABAND 1968
64	2.00	0.200	0.35	0.90	29	864	38	5 271	-99.0	794.0	1978	1985-12 ABAND 1983

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
BEAVERHILL LAKE 052-19W4 (CONTINUED)								
FIELD TOTAL	150.0			0.4		0.4	0.4	4
BEAVERLODGE 072-10W6								
DUNVEGAN B	164.0	0.10		16.4		16.4	2.6	13.8
CHARLIE LAKE A	220.0	<0.01		1.2		1.2	1.2	
FIELD TOTAL	384.0			17.6		17.6	3.8	13.8
BELLOY 078-01W6								
BELLOY A	68.5	0.15		10.3		10.3	10.3	
BELLOY B	39.1	0.10		3.9		3.9	3.9	
DEBOLT A,B,C & E	139.0	0.15		20.9		20.9	17.9	3.0
D-1 A	165.0	<0.14		22.0		22.0	22.0	
D-1 B	712.0	0.12		85.4		85.4	71.8	13.6
D-1 C	46.4	<0.13		5.7		5.7	5.7	
D-1 D	542.0	0.10		54.2		54.2	46.3	7.9
D-1 G	67.0	<0.07		4.4		4.4	4.4	
D-1 H	186.0	0.20		37.2		37.2	31.0	6.2
D-1 I	171.0	<0.06		9.5		9.5	9.5	
D-1 J	249.0	<0.08		19.0		19.0	19.0	
D-1 K	375.0	<0.08		29.9		29.9	29.9	
D-1 L	443.0	0.35		155.0		155.0	92.9	62.1
D-1 M	183.0	0.20		36.6		36.6	27.9	8.7
D-1 N	291.0	<0.02		3.1		3.1	3.1	
D-1 O	176.0	<0.11		18.8		18.8	18.7	0.1
D-1 P	184.0	<0.07		11.9		11.9	11.9	
D-1 Q	172.0	<0.03		3.9		3.9	3.9	
D-1 R	73.9	<0.02		0.8		0.8	0.8	
D-1 S	32.9	<0.33		10.8		10.8	10.8	
D-1 T	392.0	0.10		39.2		39.2	32.6	6.6
D-1 U	49.6	<0.30		14.5		14.5	14.5	
D-1 V	101.0	<0.08		7.1		7.1	7.1	
D-1 W	265.0	<0.01		0.2		0.2	0.2	
D-1 X	81.3	<0.01		0.1		0.1	0.1	
D-1 Y	112.0	<0.10		10.9		10.9	10.9	
D-1 Z	171.0	<0.09		13.7		13.7	13.7	
D-1 AA	75.4	<0.01		0.2		0.2	0.2	
D-1 BB	224.0	0.35		78.4		78.4	64.7	13.7
D-1 CC	208.0	<0.02		2.3		2.3	2.3	
FIELD TOTAL	5 995.1			709.9		709.9	588.0	121.9
BELLSHILL LAKE 041-12W4								
UPPER VIKING A	67.7	0.03		2.0		2.0	0.2	1.8
BLAIRMORE	37 380.0	0.45		16 820.0		16 820.0	15 221.1	1 598.9
BLAIRMORE E	1 400.0	0.02		28.0		28.0	15.1	12.9
BLAIRMORE F	31.3	<0.01		0.3		0.3	0.3	
BLAIRMORE G	209.0	0.15		31.4		31.4	10.7	20.7
BLAIRMORE H	141.0	0.10		14.1		14.1	9.4	4.7
BLAIRMORE I	123.0	0.10		12.3		12.3	6.6	5.7
ELLERSLIE A	3 742.0	0.30		1 123.0		1 123.0	838.8	284.2
ELLERSLIE C	51.1	<0.01		0.1		0.1	0.1	
ELLERSLIE D	138.0	<0.04		4.5		4.5	4.5	
ELLERSLIE E	100.0	<0.02		1.5		1.5	1.5	
FIELD TOTAL	43 383.1			18 037.2		18 037.2	16 108.3	1 928.9
BERLAND RIVER 059-23W5								
CARDIUM A	187.0	0.10		18.7		18.7	0.1	18.6
FIELD TOTAL	187.0			18.7		18.7	0.1	18.6
BERRY 027-12W4								
VIKING C,UMNV GG & LMNV L	19.0	0.15		2.9		2.9	2.3	0.6
UPPER MANNVILLE C	1 175.0	0.09		106.0		106.0	66.3	39.7
UPPER MANNVILLE O	41.2	0.20		8.2		8.2	6.6	1.6
UPPER MANNVILLE V	209.0	0.05		10.5		10.5	3.5	7.0
UPPER MANNVILLE X	219.0	0.10		21.9		21.9	14.5	7.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.70	0.230	0.33	0.90	44	855	40	8 791	-384.8	1 139.4	1996	1997-07 GPP
64	6.20	0.095	0.20	0.73	115	820	77	21 271	-1 562.2	2 331.0	1988	1989-03 ABAND 1989
64	1.70	0.110	0.31	0.83	66	868	45	11 840	-678.9	1 257.7	1951	1992-09 ABAND 1992
32	2.00	0.130	0.39	0.77	100	885	40	11 520	-671.8	1 248.7	1985	1996-06 GPP
64	1.50	0.280	0.39	0.85	52	853	47	15 531	-912.8	1 493.7	1972	1994-10 GPP
32	26.30	0.030	0.13	0.75	145	865	65	18 602	-1 502.6	2 078.8	1984	1994-11 GPP
128	35.65	0.026	0.23	0.78	111	884	60	21 771	-1 473.1	2 047.8	1986	1994-11 GPP
32	6.80	0.040	0.29	0.75	96	850	67	22 412	-1 497.1	2 074.8	1985	1990-12 ABAND 1989
64	55.00	0.026	0.25	0.79	88	838	56	22 970	-1 550.6	2 126.5	1987	1997-12 GPP
8	23.46	0.071	0.25	0.67	89	858	71	20 960	-1 427.5	2 002.7	1987	1994-11 ABAND 1996
32	22.59	0.044	0.25	0.78	111	841	60	21 460	-1 447.0	2 022.3	1988	1990-12 GPP
16	40.30	0.040	0.16	0.79	80	827	69	22 669	-1 520.6	2 123.1	1988	1994-11 ABAND 1994
40	27.30	0.037	0.21	0.78	111	841	60	21 455	-1 429.6	2 005.4	1988	1994-11 ABAND 1996
32	43.80	0.044	0.22	0.78	111	841	60	22 611	-1 527.2	2 143.2	1988	1997-12 GPP
128	33.60	0.019	0.19	0.67	163	832	64	22 682	-1 515.2	2 096.0	1988	1995-12 GPP
32	25.80	0.033	0.14	0.78	111	841	60	22 088	-1 501.7	2 075.1	1988	1990-08 GPP
8	84.00	0.060	0.13	0.83	111	849	60	20 254	-1 428.0	2 000.4	1989	1992-11 ABAND 1990
16	43.00	0.040	0.18	0.78	111	841	60	21 729	-1 482.0	2 054.5	1989	1998-04 ABAND 1997
16	50.40	0.037	0.22	0.79	99	852	57	22 518	-1 510.9	2 088.4	1989	1996-06 GPP
16	55.70	0.037	0.33	0.78	111	824	60	20 520	-1 461.5	2 034.8	1989	1992-04 ABAND 1992
16	101.50	0.010	0.35	0.70	144	824	69	21 708	-1 548.0	2 134.3	1990	1992-09 ABAND 1992
16	45.50	0.010	0.42	0.78	111	884	60	20 735	-1 488.1	2 062.8	1990	1998-10 GPP
16	84.80	0.050	0.26	0.78	111	884	60	22 318	-1 533.4	2 107.4	1990	1992-08 GPP
8	20.80	0.051	0.26	0.79	102	851	72	22 469	-1 533.0	2 141.6	1990	1998-10 GPP
16	22.20	0.050	0.28	0.79	102	851	72	21 196	-1 482.8	2 054.4	1990	1994-11
32	29.10	0.050	0.28	0.79	102	851	72	21 296	-1 408.0	1 982.5	1990	1994-11
16	19.33	0.045	0.26	0.79	102	851	72	23 206	-1 569.5	2 160.3	1990	1991-08 ABAND 1990
64	7.80	0.040	0.29	0.79	102	851	72	22 511	-1 551.0	2 124.5	1990	1994-11
32	30.00	0.030	0.24	0.78	111	832	60	22 653	-1 548.4	2 121.3	1990	1994-11 ABAND 1997
32	10.50	0.040	0.29	0.79	102	793	72	22 511	-1 551.1	2 179.8	1986	1994-11
64	12.80	0.050	0.30	0.78	111	832	60	22 607	-1 522.0	2 087.7	1991	1993-12
16	90.40	0.030	0.40	0.80	83	864	68	20 125	-1 416.0	1 986.3	1984	1985-02 ABAND 1986
64	0.93	0.250	0.50	0.91	37	849	27	5 430	-70.8	767.6	1957	1996-04
2 302	8.74	0.270	0.26	0.93	29	892	34	6 504	-208.3	954.1	1955	1993-12 GPP
218	4.60	0.200	0.25	0.93	28	899	32	6 625	-222.6	956.9	1977	1989-12 GPP
16	2.00	0.150	0.30	0.93	26	866	33	6 414	-197.0	921.5	1979	1985-12 GPP
32	5.25	0.200	0.33	0.93	26	894	30	5 799	-213.3	980.8	1985	1998-11 GPP
32	3.00	0.250	0.38	0.95	16	908	34	5 736	-217.9	928.0	1989	1989-11 GPP
16	5.00	0.210	0.24	0.96	13	894	31	5 680	-201.1	981.5	1989	1990-03 GPP
413	4.51	0.270	0.20	0.93	28	913	33	7 151	-315.6	1 041.7	1983	1995-12 GPP
16	1.60	0.280	0.25	0.95	40	922	34	6 479	-238.9	984.8	1984	1981-12 ABAND 1987
16	5.40	0.240	0.30	0.95	16	908	34	5 957	-223.7	919.2	1989	1996-06 GPP
8	8.00	0.270	0.39	0.95	16	908	34	5 897	-245.7	954.0	1993	1998-06 ABAND 1998
32	8.00	0.120	0.20	0.76	110	841	62	16 486	-818.9	1 999.0	1994	1997-06
9	1.80	0.190	0.35	0.95	40	868	36	9 220	-305.6	1 076.0	1990	1997-12 GPP
490	2.43	0.190	0.41	0.88	49	828	43	9 670	-309.0	1 096.5	1980	1994-10 GPP
64	0.70	0.180	0.42	0.88	49	803	45	9 676	-314.6	1 102.9	1988	1995-12 GPP
89	2.15	0.210	0.41	0.88	49	840	43	9 548	-289.6	1 071.5	1990	1993-09
75	2.85	0.220	0.47	0.88	49	828	43	9 757	-300.3	1 093.2	1983	1997-05 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
BERRY 027-12W4 (CONTINUED)								
UPPER MANNVILLE Y	223.0	0.07		15.6		15.6	10.9	4.7
UPPER MANNVILLE EE	440.0	0.15	0.10	66.0	44.0	110.0	25.2	84.8
WATER FLOOD								
UPPER MANNVILLE HH	162.0	0.15		24.3		24.3	8.5	15.8
FIELD TOTAL *	2 488.2			255.4	44.0	299.4	137.8	161.6
BEZANSON 071-03W6								
CHARLIE LAKE A	66.2	0.20		13.2		13.2	8.6	4.6
FIELD TOTAL	66.2			13.2		13.2	8.6	4.6
BIGORAY 052-08W5								
BELLY RIVER A	239.0	<0.01		2.2		2.2	2.2	
CARDIUM B TOTAL	3 143.0			317.0	1 085.0	1 402.0	1 278.4	123.6
PRIMARY AREA	43.5	0.16		7.0		7.0		
WATER FLOOD AREA	3 099.0	0.10	0.35	310.0	1 085.0	1 395.0		
CARDIUM C	133.0	0.10		13.3		13.3	1.5	11.8
OSTRACOD TOTAL	2 750.0			339.0	686.0	1 025.0	903.7	121.3
PRIMARY AREA	299.0	0.15		44.9		44.9		
WATER FLOOD AREA	2 451.0	0.12	0.28	294.0	686.0	980.0		
OSTRACOD B	321.0	<0.02		4.4		4.4	4.4	
OSTRACOD E	61.5	<0.01		0.3		0.3	0.3	
OSTRACOD G	610.0	0.15	0.25	91.5	153.0	245.0	194.4	50.6
WATER FLOOD								
OSTRACOD H	1 063.0	0.10		106.0		106.0	22.6	83.4
OSTRACOD I	148.0	0.02		3.0		3.0	1.4	1.6
ELLERSLIE A	133.0	0.10		13.3		13.3	6.5	6.8
ELLERSLIE B	277.0	0.05		13.9		13.9	12.1	1.8
ELLERSLIE D TOTAL	1 176.0			118.0	190.0	308.0	190.5	117.5
PRIMARY AREA	226.0	0.10		22.6		22.6		
WATER FLOOD AREA	950.0	0.10	0.20	95.0	190.0	285.0		
ELLERSLIE E	142.0	0.11		15.6		15.6	14.7	0.9
ELLERSLIE G	1 321.0	0.13		172.0		172.0	162.0	10.0
ELLERSLIE J	24.5	0.15		3.7		3.7	2.3	1.4
ROCK CREEK A	187.0	<0.03		5.1		5.1	5.1	
ROCK CREEK B	37.0	<0.01		0.1		0.1	0.1	
ROCK CREEK C	130.0	<0.05		5.5		5.5	5.5	
NISKU A WATER FLOOD	737.0	0.30	0.15	222.0	111.0	333.0	295.3	37.7
NISKU B	1 500.0	0.30	0.35	450.0	525.0	975.0	917.4	57.6
SOLVENT FLOOD								
NISKU C WATER FLOOD	1 200.0	0.25	0.20	300.0	240.0	540.0	430.6	109.4
NISKU D WATER FLOOD	2 200.0	0.05	0.27	110.0	594.0	704.0	678.4	25.6
NISKU E WATER FLOOD	2 001.0	0.25	0.07	500.0	140.0	640.0	610.5	29.5
NISKU F	2 800.0	0.40	0.44	1 120.0	1 232.0	2 352.0	2 308.1	43.9
SOLVENT FLOOD								
NISKU G WATER FLOOD	924.0	0.30	0.30	277.0	277.0	554.0	469.3	84.7
NISKU H WATER FLOOD	2 200.0	0.30	0.16	660.0	352.0	1 012.0	950.3	61.7
NISKU I WATER FLOOD	600.0	<0.34	0.10	200.0	60.0	260.0	204.8	55.2
NISKU K WATER FLOOD	870.0	0.30	0.28	261.0	244.0	505.0	492.9	12.1
FIELD TOTAL *	26 928.0			5 323.9	5 889.0	11 213.4	10 165.3	1 048.1
BIGSTONE 060-22W5								
CARDIUM A	16.1	<0.02		0.3		0.3	0.3	
CARDIUM B	149.0	0.10		14.9		14.9	9.7	5.2
CARDIUM C	98.7	0.20		19.7		19.7	19.6	0.1
SECOND WHITE	71.5	0.10		7.2		7.2	0.4	6.8
SPECKS B								
DUNVEGAN A	530.0	0.02		10.6		10.6	3.5	7.1
DUNVEGAN D	54.5	0.10		5.5		5.5	0.4	5.1
DUNVEGAN E	59.1	0.10		5.9		5.9	0.2	5.7
BLUESKY A	22.4	0.10		2.2		2.2	0.3	1.9
MONTNEY A	57.3	0.30		17.2		17.2	9.4	7.8
FIELD TOTAL	1 058.6			83.5		83.5	43.8	39.7
BILAWCHUK 080-09W6								
HALFWAY A	394.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	394.0			0.2		0.2	0.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	7.30	0.190	0.43	0.88	46	803	43	9 364	-302.1	1 084.9	1981	1994* 11 GPP
148	2.70	0.230	0.45	0.87	51	853	42	9 703	-293.4	1 050.7	1994	1998-09
58	2.40	0.230	0.43	0.89	45	855	38	9 099	-294.2	1 057.0	1996	1997-05
64	2.00	0.110	0.44	0.84	140	840	66	15 818	-1 148.0	1 783.5	1993	1994-10
64	4.00	0.195	0.45	0.87	54	822	34	7 922	-206.1	1 084.1	1987	1989-12 ABAND 1990
984					50	872	49	15 069	-606.4	1 470.3	1978	1997-12
128	0.65	0.070	0.17	0.90								
856	4.50	0.109	0.18	0.90								GPP
64	3.40	0.080	0.15	0.90	39	876	49	17 078	-593.0	1 457.7	1994	1994-05 GPP
979					111	839	59	15 420	-982.9	1 798.7	1959	1998-10
174	1.73	0.187	0.30	0.76								
805	3.06	0.187	0.30	0.76								GPP
64	4.00	0.220	0.25	0.76	120	834	60	17 706	-994.3	1 841.6	1968	1981-12 ABAND 1980
32	2.80	0.140	0.43	0.86	52	839	44	15 828	-809.7	1 591.5	1991	1992-07 ABAND 1992
341	3.40	0.097	0.33	0.81	66	733	63	17 562	-1 016.9	1 875.3	1985	1995-05 GPP
128	7.45	0.170	0.20	0.82	121	820	63	15 074	-936.3	1 756.0	1993	1994-10 GPP
64	3.10	0.140	0.31	0.77	99	840	61	14 944	-1 094.4	1 950.7	1994	1997-12 GPP
32	4.00	0.190	0.30	0.78	89	839	60	16 114	-950.5	1 785.3	1979	1994-10 GPP
64	2.44	0.320	0.29	0.78	25	853	50	13 903	-984.2	1 816.6	1974	1996-08 GPP
576					111	833	64	16 409	-972.9	1 826.0	1979	1994-10
128	2.92	0.130	0.38	0.75								
448	3.51	0.130	0.38	0.75								GPP
64	3.24	0.137	0.39	0.82	70	843	65	14 565	-977.0	1 821.6	1979	1997-12 GPP
448	5.09	0.120	0.32	0.71	113	853	50	16 611	-944.2	1 797.5	1977	1993-12 GPP
64	0.50	0.140	0.24	0.72	139	835	64	15 268	-998.3	1 878.5	1980	1991-07 GPP
64	3.00	0.200	0.30	0.70	135	840	62	16 555	-926.5	1 780.2	1977	1982-03 ABAND 1996
80	1.50	0.110	0.60	0.70	121	840	57	15 178	-934.4	1 777.0	1979	1985-07 GPP
93	2.19	0.140	0.35	0.70	121	840	57	15 822	-922.1	1 765.1	1979	1989-12 GPP
66	30.50	0.062	0.28	0.82	73	847	73	20 199	-1 480.0	2 344.1	1978	1981-02 GPP
67	49.24	0.067	0.22	0.87	71	834	76	22 997	-1 486.9	2 343.1	1978	1997-11 GPP
82	32.96	0.075	0.26	0.80	106	860	79	22 072	-1 538.3	2 430.1	1978	1998-12 GPP
190	18.48	0.088	0.11	0.80	84	841	80	29 095	-1 640.3	2 496.8	1978	1994-12 GPP
100	45.76	0.060	0.10	0.81	56	835	80	28 529	-1 635.5	2 495.4	1978	1997-08 GPP
52	65.79	0.110	0.07	0.80	71	834	78	22 002	-1 562.9	2 404.7	1977	1998-12 GPP
67	20.20	0.120	0.28	0.79	88	835	74	20 545	-1 489.5	2 340.2	1978	1998-12 GPP
58	45.89	0.120	0.18	0.84	50	842	73	19 029	-1 435.1	2 286.3	1978	1996-09 GPP
51	24.74	0.092	0.32	0.76	100	840	73	19 379	-1 444.4	2 288.3	1978	1981-11 GPP
43	40.05	0.081	0.23	0.81	63	848	69	19 466	-1 455.5	2 301.2	1979	1994-12 GPP
64	0.93	0.074	0.47	0.69	148	821	64	15 806	-674.3	1 706.7	1987	1992-10 ABAND 1993
64	3.69	0.100	0.17	0.76	110	865	49	16 132	-714.2	1 821.2	1976	1976-12 GPP
64	4.20	0.070	0.31	0.76	150	852	60	16 157	-708.1	1 822.5	1980	1992-12 GPP
16	9.00	0.090	0.20	0.69	161	816	59	18 908	-839.0	1 800.0	1995	1996-11 GPP
128	6.50	0.130	0.31	0.71	120	809	79	18 146	-973.0	2 018.7	1959	1996-01 GPP
64	2.00	0.100	0.40	0.71	134	807	76	16 852	-1 066.5	2 223.5	1994	1996-08 GPP
16	5.00	0.160	0.40	0.77	100	844	74			1 839.2	1997	1998-08 GPP
16	2.50	0.110	0.18	0.62	204	814	78		-1 317.1	2 294.9	1997	1998-10 GPP
64	1.30	0.110	0.08	0.68	147	820	98	21 572	-1 516.9	2 545.3	1996	1997-03
64	12.51	0.113	0.42	0.75	100	844	61	11 166	-754.4	1 485.5	1983	1988-12 ABAND 1990

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³	
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³			
BILBO 065-06W6									
A CARDIUM A	939.0	0.20		188.0		188.0	162.9	25.1	
A CARDIUM B	169.0	0.10		16.9		16.9	16.7	0.2	
FIELD TOTAL	1 108.0			204.9		204.9	179.6	25.3	
BITTERN LAKE 046-22W4									
VIKING B	48.6	0.10		4.9		4.9	0.3	4.6	
ELLERSLIE K	147.0	<0.01		0.5		0.5	0.5		
ELLERSLIE M	320.0	0.10		32.0		32.0	3.3	28.7	
DETRITAL A	95.7	<0.01		0.8		0.8	0.8		
NISKU A	89.8	<0.01		0.2		0.2	0.2		
FIELD TOTAL	701.1			38.4		38.4	5.1	33.3	
BLACK 110-09W6									
MUSKEG A	150.0	0.40		60.0		60.0	53.5	6.5	
MUSKEG C	439.0	0.12		52.7		52.7	48.9	3.8	
MUSKEG D	55.6	<0.05		2.7		2.7	2.7		
MUSKEG E	32.0	0.15		4.8		4.8	4.4	0.4	
MUSKEG F	81.5	0.30		24.5		24.5	2.0	22.5	
KEG RIVER A	2 860.0	0.15	0.15	429.0	429.0	858.0	789.9	68.1	
WATER FLOOD									
KEG RIVER B	111.0	<0.04		3.4		3.4	3.4		
KEG RIVER C	95.0	0.02		1.9		1.9	1.9		
KEG RIVER E	302.0	0.15		45.3		45.3	4.9	40.4	
FIELD TOTAL	4 126.1			624.3	429.0	1 053.3	911.6	141.7	
BLACKFOOT 023-23W4									
UPPER MANNVILLE A	520.0	0.15		78.0		78.0	34.2	43.8	
GLAUCONITIC A	425.0	0.15		63.8		63.8	21.9	41.9	
GLAUCONITIC D	480.0	0.20		96.0		96.0	40.2	55.8	
GLAUCONITIC E	148.0	0.15		22.2		22.2	9.4	12.8	
GLAUCONITIC F	35.4	0.30		10.6		10.6	5.2	5.4	
GLAUCONITIC H	12.6	0.15		1.9		1.9	1.1	0.8	
GLAUCONITIC J	126.0	0.15		18.9		18.9	3.4	15.5	
ELLERSLIE A	106.0	<0.16		16.4		16.4	16.4		
FIELD TOTAL	1 853.0			307.8		307.8	131.8	176.0	
BONANZA 081-11W6									
GETHING D	69.9	0.10		7.0		7.0	0.4	6.6	
BOUNDARY A TOTAL	6 059.0			761.0	739.0	1 500.0	963.8	536.2	
PRIMARY AREA	149.0	0.15		22.4		22.4			
WATER FLOOD AREA	5 910.0	0.12	0.12	739.0	739.0	1 478.0			
BOUNDARY C	40.3	<0.10		3.9		3.9	3.9		
DOIG A	1 470.0	0.10		147.0		147.0	112.9	34.1	
DOIG B	383.0	0.05		19.2		19.2	13.9	5.3	
DOIG C	1 020.0	0.02		20.4		20.4	14.8	5.6	
DOIG D	1 073.0	0.15		161.0		161.0	19.0	142.0	
KISKATINAW D	89.5	0.10		9.0		9.0	7.6	1.4	
FIELD TOTAL	10 204.7			1 128.5	739.0	1 867.5	1 136.3	731.2	
BONNIE GLEN 046-27W4									
CARDIUM A	4 130.0	<0.06		214.0		214.0	210.4	3.6	
D-2 A	138.0	<0.08		9.8		9.8	9.8		
D-3 A	125 000.0	<0.67		83 300.0		83 300.0	82 513.8	786.2	
FIELD TOTAL	129 268.0			83 523.8		83 523.8	82 734.0	789.8	
BOUNDARY LAKE SOUTH 085-13W6									
TRIASSIC B	131.0	<0.01		0.2		0.2	0.2		
TRIASSIC C TOTAL	3 586.0			413.0	216.0	629.0	524.0	105.0	
PRIMARY AREA	886.0	0.10		88.6		88.6			
WATER FLOOD AREA	2 700.0	0.12	0.08	324.0	216.0	540.0			
TRIASSIC E TOTAL	12 840.0			1 213.0	2 790.0	4 003.0	3 758.5	244.5	
PRIMARY AREA	3 537.0	0.08		283.0		283.0			
WATER FLOOD AREA	9 300.0	0.10	0.30	930.0	2 790.0	3 720.0			
TRIASSIC F	50.0	<0.01		0.2		0.2	0.2		
TRIASSIC G	364.0	0.20		72.8		72.8	41.0	31.8	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 294 192	1.20 1.80	0.120 0.100	0.37 0.35	0.80 0.75	75 120	803 835	45 43	12 723 14 562	-557.1 -523.9	1 508.4 1 377.0	1985 1979	1993-12 GPP 1983-05 GPP
32 32 32 16 32	1.00 2.50 5.90 4.30 7.50	0.250 0.270 0.230 0.220 0.080	0.34 0.19 0.19 0.21 0.45	0.92 0.84 0.91 0.80 0.85	34 72 37 79 55	862 830 909 841 875	42 39 50 49 41	6 444 9 876 9 012 10 037 10 276	-280.1 -589.1 -505.8 -605.3 -631.3	1 034.0 1 360.3 1 276.0 1 364.6 1 373.5	1979 1994 1993 1994 1982	1996-02 1997-08 ABAND 1997 1997-03 1996-06 ABAND 1998 1997-04 ABAND 1982
64 48 16 8 32 80	7.54 18.40 8.80 7.50 4.50 82.00	0.060 0.080 0.060 0.080 0.090 0.078	0.30 0.16 0.11 0.10 0.15 0.14	0.74 0.74 0.74 0.74 0.74 0.65	62 96 98 107 107 160	829 830 820 820 820 806	85 84 76 82 82 91	16 068 16 114 14 927 16 326 15 089 18 467	-1 261.0 -1 250.0 -1 226.3 -1 260.6 -1 271.7 -1 391.6	1 922.7 1 863.1 1 599.5 1 923.1 1 917.8 1 996.5	1968 1967 1984 1989 1997 1967	1992-12 GPP 1996-07 GPP 1990-12 ABAND 1989 1998-10 GPP 1997-07 GPP 1994-12 GPP
10 16 64	30.50 12.00 29.00	0.070 0.075 0.030	0.20 0.12 0.33	0.65 0.75 0.81	160 86 62	806 832 825	85 74 86	16 552 16 172 16 635	-1 300.7 -1 283.3 -1 298.4	1 742.7 1 925.0 1 944.5	1968 1988 1997	1994-07 ABAND 1994 1996-06 GPP 1998-05
110 84 107 32 64 8 32 128	4.00 3.50 3.70 3.50 0.50 1.80 3.00 0.92	0.190 0.210 0.200 0.210 0.180 0.210 0.200 0.150	0.25 0.17 0.27 0.24 0.26 0.43 0.19 0.25	0.83 0.83 0.83 0.83 0.83 0.73 0.81 0.80	70 70 69 69 93 120 79 83	866 866 866 867 831 832 842 845	49 49 49 49 43 46 46 49	11 847 11 993 12 216 12 190 12 190 12 730	-666.1 -651.7 -661.2 -659.9 -659.9 -627.3	1 589.2 1 571.1 1 562.4 1 573.7 1 569.0 1 553.0 1 564.7 1 540.2	1994 1994 1995 1996 1997 1996 1996 1963	1995-07 1995-09 1998-07 1996-11 GPP 1998-12 GPP 1998-03 GPP 1998-06 1996-06 ABAND 1987
32 2 570 64 2 506 16 251 48 128 128 10	2.50 2.40 2.60 2.68 8.10 10.56 10.00 11.10 11.40	0.160 0.210 0.150 0.130 0.130 0.140 0.120 0.130 0.110	0.35 0.45 0.28 0.14 0.33 0.35 0.20 0.30 0.15	0.84 0.84 0.84 0.84 0.83 0.83 0.83 0.83 0.84	50 62 62 76 76 75 75 150	894 862 835 845 845 845 845 849	48 54 53 58 58 58 58 73	11 019 13 568 12 074 13 715 13 120 13 054 13 565 18 850	-509.4 -747.3 -723.5 -801.6 -800.5 -791.0 -808.2 -1 447.6	1 238.3 1 379.7 1 323.8 1 474.3 1 466.3 1 449.2 1 465.5 2 105.9	1996 1973 1990 1989 1990 1992 1995 1990	1997-03 GPP 1989-12 1998-10 GPP 1994-10 GPP 1998-10 GPP 1994-12 GPP 1998-10 GPP 1998-10 GPP
1 318 67 3 120	3.26 6.28 59.13	0.130 0.057 0.106	0.16 0.20 0.06	0.88 0.72 0.68	41 124 141	834 815 815	49 76 81	14 339 12 422 17 308	-322.8 -1 041.4 -1 268.2	1 201.5 1 954.1 2 142.7	1955 1952 1952	1996-08 GPP 1971-12 ABAND 1971 1995-12 GPP
65 879 192 687 5 483 2 128 3 355 64 128	1.83 3.18 2.57 1.65 2.55 0.61 2.64	0.197 0.206 0.210 0.150 0.160 0.175 0.180	0.25 0.12 0.09 0.15 0.14 0.05 0.28	0.75 0.80 0.80 0.79 0.79 0.77 0.83	98 110 92 106 261	844 844 846 844 816	46 48 47 46 55	11 747 12 445 12 896 12 651 11 234	-647.0 -535.2 -610.8 -572.8 -583.9	1 385.5 1 274.4 1 331.9 1 317.7 1 315.6	1965 1963 1964 1964 1967	1968-03 ABAND 1967 1994-12 GPP 1992-05 GPP 1980-04 1995-01 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
BOUNDARY LAKE SOUTH 085-13W6 (CONTINUED)								
TRIASSIC H TOTAL	3 655.0			348.0	257.0	605.0	519.1	85.9
PRIMARY AREA	445.0	0.06		26.7		26.7		
WATER FLOOD AREA	3 210.0	0.10	0.08	321.0	257.0	578.0		
TRIASSIC I	475.0	0.10		47.5		47.5	32.4	15.1
TRIASSIC M	56.0	<0.01		0.3		0.3	0.3	
TRIASSIC N	3 410.0	0.15		512.0		512.0	335.2	176.8
TRIASSIC S	116.0	0.10		11.6		11.6	9.5	2.1
BOUNDARY A	523.0	0.20		105.0		105.0	86.5	18.5
BOUNDARY C	90.8	<0.01		0.1		0.1	0.1	
BOUNDARY D	709.0	0.10		70.9		70.9	30.8	40.1
KISKATINAW Q	402.0	0.15		60.3		60.3	38.3	22.0
FIELD TOTAL *	26 407.8			2 854.9	3 263.0	6 117.9	5 376.1	741.8
BOW ISLAND 012-12W4								
SAWTOOTH N	90.8	0.10		9.1		9.1	1.2	7.9
SAWTOOTH P	109.0	0.10		10.9		10.9	2.1	8.8
FIELD TOTAL *	199.8			20.0		20.0	3.3	16.7
BRANT 019-25W4								
ELLERSLIE A	12.0	0.01		0.1		0.1	0.1	
TURNER VALLEY B	109.0	<0.05		5.4		5.4	2.0	3.4
TURNER VALLEY C	106.0	0.10		10.6		10.6	0.3	10.3
FIELD TOTAL	227.0			16.1		16.1	2.4	13.7
BRAZEAU RIVER 046-13W5								
BELLY RIVER A	94.1	<0.02		1.4		1.4	1.4	
BELLY RIVER C	1 000.0	0.15		150.0		150.0	135.9	14.1
BELLY RIVER D	194.0	<0.06		10.7		10.7	10.7	
BELLY RIVER G	113.0	<0.02		1.8		1.8	1.8	
BELLY RIVER I	127.0	<0.01		0.2		0.2	0.2	
BELLY RIVER M	53.5	<0.01		0.2		0.2	0.2	
BELLY RIVER O	859.0	0.05		43.0		43.0	10.2	32.8
BELLY RIVER P	84.0	0.20		16.8		16.8	10.3	6.5
BELLY RIVER Q	262.0	0.03		7.9		7.9	5.8	2.1
BELLY RIVER S	63.1	<0.01		0.4		0.4	0.4	
BELLY RIVER T	392.0	0.10		39.2		39.2	8.8	30.4
BELLY RIVER U	75.5	<0.09		6.5		6.5	6.5	
BELLY RIVER X	8 560.0	0.05		428.0		428.0	139.2	288.8
BELLY RIVER Z	269.0	<0.01		1.3		1.3	1.3	
BELLY RIVER AA	113.0	<0.01		0.3		0.3	0.3	
BELLY RIVER BB	113.0	0.15		17.0		17.0	16.8	0.2
BELLY RIVER FF	2 327.0	0.10	0.10	233.0	233.0	466.0	334.8	131.2
WATER FLOOD								
BELLY RIVER II TOTAL	3 286.0			318.0	308.0	626.0	378.4	247.6
PRIMARY AREA	208.0	0.05		10.4		10.4		
WATER FLOOD AREA	3 078.0	0.10	0.10	308.0	308.0	616.0		
BELLY RIVER JJ	263.0	0.05		13.2		13.2	3.4	9.8
BELLY RIVER MM	137.0	<0.02		2.2		2.2	2.2	
BELLY RIVER NN	17.8	<0.06		1.0		1.0	1.0	
BELLY RIVER OO	93.7	<0.01		0.3		0.3	0.3	
BELLY RIVER PP	165.0	0.03		5.0		5.0	3.3	1.7
BELLY RIVER SS	73.8	<0.01		0.2		0.2	0.2	
BELLY RIVER TT	18.9	<0.02		0.2		0.2	0.2	
BELLY RIVER VV	247.0	0.10		24.7		24.7	11.2	13.5
BELLY RIVER H & Y	4 743.0			712.0	160.0	872.0	553.5	318.5
TOTAL								
PRIMARY AREA	3 678.0	0.15		552.0		552.0		
WATER FLOOD AREA	1 065.0	0.15	0.15	160.0	160.0	320.0		
BELLY RIVER CC & DD	60.8	0.07		4.3		4.3	3.4	0.9
BELLY RIVER E & F	2 177.0	0.07		152.0		152.0	97.9	54.1
BELLY RIVER OO & RR	781.0	0.05		39.1		39.1	31.1	8.0
BELLY RIVER V & W	235.0	0.10		23.5		23.5	16.3	7.2
BELLY RIVER FFF	76.9	<0.01		0.1		0.1	0.1	
BELLY RIVER HHH	123.0	0.03		3.7		3.7	1.6	2.1
BELLY RIVER LLL	933.0	0.10		93.3		93.3	33.5	59.8
BELLY RIVER MMM	58.8	0.10		5.9		5.9	2.5	3.4
BELLY RIVER NNN	117.0	<0.02		1.3		1.3	1.3	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 565 64	4.99	0.196	0.10	0.79	92	844	49	12 867	-608.1	1 282.8	1973	1994-12
1 501 192 16	1.99 2.08 3.60	0.160 0.175 0.160	0.15 0.18 0.25	0.79 0.83 0.81	62 76	844 814	47 66	12 332 12 184	-545.9 -660.2	1 300.9 1 408.3	1977 1990	GPP GPP ABAND 1995
1 282 32	3.34 5.10	0.140 0.110	0.28 0.18	0.79 0.79	183 91	838 844	47 47	10 328 12 986	-582.4 -710.0	1 283.4 1 425.7	1991 1993	GPP GPP
553 64	0.77 1.60	0.170 0.120	0.13 0.11	0.83 0.83	90 60	844 844	50 50	11 540 12 891	-561.1 -567.7	1 285.2 1 312.0	1983 1984	1994-10 1988-12
128 128	3.54 3.00	0.220 0.170	0.10 0.21	0.79 0.78	91 79	843 862	47 64	11 768 16 195	-550.8 -1 171.5	1 275.8 1 909.9	1988 1996	GPP GPP
20 16	3.37 4.50	0.230 0.250	0.37 0.35	0.93 0.93	25 25	882 882	35 35	9 596 9 595	-141.2 -140.0	936.8 936.8	1996 1996	1997-04 GPP 1997-02 GPP
16 32 64	1.70 3.50 3.00	0.080 0.140 0.120	0.30 0.18 0.34	0.79 0.85 0.70	92 66 155	879 902 821	44 50 51	14 531 14 652	-745.1 -768.9	1 787.3 1 798.3 2 006.5	1990 1994 1997	1992-09 ABAND 1992 1997-12 GPP 1998-06 GPP
64 413 64 64 64 16 328 32 32 16 128 32 1 691 64 32 65 446	1.80 5.00 5.40 4.00 3.50 7.00 5.41 6.00 13.50 5.20 6.30 5.00 8.25 7.00 6.00 3.05 8.87	0.170 0.110 0.120 0.090 0.120 0.110 0.110 0.110 0.135 0.160 0.120 0.110 0.130 0.130 0.127 0.140 0.130	0.46 0.45 0.40 0.45 0.40 0.45 0.45 0.47 0.40 0.40 0.48 0.45 0.41 0.45 0.45 0.47 0.42	0.89 0.80 0.78 0.89 0.79 0.80 0.80 0.75 0.75 0.79 0.78 0.78 0.80 0.84 0.77 0.78	27 90 90 62 85 85 111 111 111 87 86 84 56 56 106 93	869 810 853 826 857 812 850 813 800 826 800 830 810 810 876 800	33 58 62 57 53 53 66 66 66 48 57 60 61 61 54 58	9 818 10 537 10 240 8 956 8 001 8 860 10 305 10 668 10 727 9 217 10 817 11 272 8 713 7 943 9 474 10 913 10 412	-402.4 -697.8 -724.5 -654.6 -541.5 -643.9 -655.3 -675.3 -784.9 -611.0 -685.8 -728.1 -543.4 -579.0 -720.2 -833.7 -644.7	1 389.3 1 956.9 1 984.4 1 671.5 1 495.0 1 658.3 1 851.3 1 726.0 2 032.0 1 760.5 1 734.2 1 930.8 1 713.3 1 761.9 1 903.1 2 056.3 1 773.5	1978 1985 1985 1985 1985 1986 1987 1976 1987 1987 1986 1987 1987 1985 1985 1965 1987	1984-12 ABAND 1994 1991-04 GPP 1996-06 GPP 1991-10 ABAND 1990 1992-08 ABAND 1992 1993-10 ABAND 1992 1998-10 GPP 1998-12 1997-12 GPP 1992-09 ABAND 1992 1998-10 GPP 1996-06 GPP 1998-10 GPP 1994-10 1994-10 ABAND 1985 1988-12 GPP 1997-12 GPP
1 225 175 1 050 64 16 16 64 16 16 64 1 652 1 311 341 16 1 130 64 64 32 32 407 32 32	2.52 6.70 8.05 15.00 2.50 10.50 6.00 7.00 2.50 7.50 5.49 5.71 5.40 3.81 18.40 7.80 5.20 10.10 4.90 4.20 7.93	0.110 0.110 0.126 0.130 0.110 0.130 0.110 0.130 0.110 0.120 0.117 0.120 0.125 0.120 0.120 0.110 0.100 0.090 0.130 0.110 0.100	0.45 0.49 0.50 0.45 0.48 0.45 0.50 0.35 0.45 0.45 0.44 0.40 0.25 0.48 0.30 0.45 0.45 0.52 0.47 0.45	0.78 0.78 0.81 0.80 0.78 0.78 0.78 0.78 0.78 0.78 0.78 0.76 0.75 0.79 0.78 0.84 0.80 0.75 0.75 0.84	93 73 80 84 84 84 93 93 93 111	800 805 852 799 779 799 800 800 800 828	63 47 48 62 62 62 63 63 63 66	12 621 10 634 9 795 9 938 8 231 11 277 9 504 10 472 10 720 14 566	-761.8 -680.8 -448.7 -628.0 -564.8 -826.9 -549.2 -693.1 -632.8 -850.4	1 866.8 1 737.4 1 501.3 1 692.8 1 820.6 2 068.0 1 599.0 1 799.8 1 706.3 2 067.5	1961 1988 1989 1989 1988 1978 1990 1990 1990 1964	1997-01 1989-09 GPP 1997-12 GPP 1996-06 GPP 1992-12 1997-12 GPP 1996-06 GPP 1996-06 1991-07 GPP 1996-10
1 311 341 16 1 130 64 64 32 32 407 32 32	5.49 5.71 5.40 3.81 18.40 7.80 5.20 10.10 4.90 4.20 7.93	0.117 0.120 0.125 0.120 0.120 0.110 0.100 0.090 0.130 0.110 0.100	0.44 0.40 0.25 0.48 0.30 0.45 0.45 0.47 0.52 0.47 0.45	0.78 0.76 0.75 0.81 0.79 0.78 0.84 0.80 0.75 0.75 0.84	111 82 90 84 56 90 112 112 56	775 810 811 784 810 810 786 786 810	66 61 58 60 61 58 52 52 61	12 430 10 376 11 011 11 213 6 541 10 400 9 019 10 460 12 925	-801.5 -697.2 -585.7 -708.5 -590.9 -635.4 -477.5 -691.2 -624.8	1 857.2 1 771.8 1 638.8 1 898.4 1 788.6 1 603.2 1 549.9 1 770.1 1 808.0	1987 1985 1989 1987 1981 1994 1995 1995 1995 1956	1994-10 GPP 1994-10 GPP 1995-10 GPP 1996-11 GPP 1997-12 1997-12 GPP 1998-09 1996-11 1996-12 ABAND 1968

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10 ³ m ³	3 RECOVERY		5 INITIAL ESTABLISHED RESERVES			7 CUMULATIVE PRODUCTION 10 ³ m ³	8 REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
BRAZEAU RIVER								
046-13W5 (CONTINUED)								
BELLY RIVER 000	97.5	0.15		14.6		14.6	3.6	11.0
BELLY RIVER PPP	126.0	<0.01		0.2		0.2	0.1	0.1
BELLY RIVER 000	165.0	0.10		16.5		16.5	5.0	11.5
BELLY RIVER RRR	188.0	0.10		18.8		18.8	0.3	18.5
BELLY RIVER SSS	43.3	0.10		4.3		4.3	1.7	2.6
BELLY RIVER TTT	130.0	0.10		13.0		13.0	5.4	7.6
BELLY RIVER A2A	205.0	0.05		10.3		10.3	0.4	9.9
CARDIUM A	193.0	<0.10		18.5		18.5	18.5	
CARDIUM C	2 117.0	0.07		148.0		148.0	131.5	16.5
CARDIUM D	90.0	<0.01		0.5		0.5	0.5	
CARDIUM G	188.0	0.10		18.7		18.7	18.7	
CARDIUM I	200.0	0.15		30.0		30.0	27.3	2.7
CARDIUM K	708.0	0.06		42.5		42.5	36.4	6.1
CARDIUM O	52.3	0.15		7.8		7.8	7.0	0.8
CARDIUM P	205.0	0.15		30.8		30.8	19.7	11.1
CARDIUM Q	38.6	0.15		5.8		5.8	5.4	0.4
CARDIUM V	139.0	0.12		16.7		16.7	13.9	2.8
CARDIUM X	41.8	0.10		4.2		4.2	2.5	1.7
SECOND WHITE	38.4	0.05		1.9		1.9	1.0	0.9
SPECKS B								
VIKING A	465.0	0.08		37.2		37.2	35.4	1.8
VIKING D TOTAL	1 279.0			252.0	120.0	372.0	369.9	2.1
PRIMARY AREA	84.0	0.15		12.6		12.6		
WATER FLOOD AREA	1 195.0	0.20	0.10	239.0	120.0	359.0		
LOWER MANNVILLE A	121.0	<0.09		9.9		9.9	9.9	
LOWER MANNVILLE B	81.4	<0.03		2.4		2.4	2.4	
LOWER MANNVILLE C	181.0	<0.03		4.9		4.9	4.9	
LOWER MANNVILLE D	110.0	0.05		5.5		5.5	3.1	2.4
LOWER MANNVILLE I	105.0	0.15		15.8		15.8	6.2	9.6
LOWER MANNVILLE J	70.5	0.10		7.1		7.1	2.4	4.7
LOWER MANNVILLE M	102.0	0.15		15.3		15.3	3.8	11.5
LOWER MANNVILLE P	44.7	0.10		4.5		4.5	1.0	3.5
CADOMIN A	39.7	<0.04		1.3		1.3	1.3	
CADOMIN B	108.0	<0.05		4.4		4.4	4.4	
ROCK CREEK B	378.0	<0.01		0.8		0.8	0.8	
ROCK CREEK L	64.5	0.10		6.5		6.5	0.2	6.3
BLUERIDGE B	318.0	0.15		47.7		47.7	1.6	46.1
NISKU A	5 300.0	0.40	0.41	2 120.0	2 173.0	4 293.0	4 209.4	83.6
SOLVENT FLOOD								
NISKU B	2 300.0	0.40	0.23	920.0	550.0	1 470.0	1 365.4	104.6
SOLVENT FLOOD								
NISKU C	600.0	0.35		210.0		210.0	50.0	160.0
NISKU D	2 700.0	0.50	0.15	1 350.0	405.0	1 755.0	1 668.5	86.5
SOLVENT FLOOD								
NISKU E	2 450.0	0.45	0.39	1 102.0	956.0	2 058.0	2 016.2	41.8
SOLVENT FLOOD								
NISKU G	85.0	<0.21		17.7		17.7	17.7	
NISKU H	85.0	0.29		24.7		24.7	24.7	
NISKU I	1 055.0	0.35		369.0		369.0	362.2	6.8
NISKU L WATER FLOOD	575.0	0.30	0.30	173.0	173.0	346.0	318.2	27.8
NISKU X WATER FLOOD	595.0	0.30	0.20	179.0	119.0	298.0	196.2	101.8
FIELD TOTAL	52 485.6			9 641.5	5 197.0	14 838.5	12 800.7	2 037.8
BRUCE 047-14W4								
LOWER MANNVILLE I	372.0	<0.01		0.3		0.3	0.3	
ELLERSLIE PP	315.0	<0.01		2.9		2.9	2.9	
WABAMUN L	87.3	<0.01		0.7		0.7	0.7	
WABAMUN M	93.0	<0.01		0.7		0.7	0.7	
WABAMUN N	47.8	<0.01		0.1		0.1	0.1	
STETTLER A	53.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	968.1			4.8		4.8	4.8	
BUFFALO LAKE 039-21W4								
GLAUCONITIC A	75.8	0.10		7.6		7.6	1.4	6.2
D-3	1 410.0	0.70		987.0		987.0	889.5	97.5
D-3 B	947.0	0.70		663.0		663.0	578.0	85.0
FIELD TOTAL	2 432.8			1 657.6		1 657.6	1 468.9	188.7

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	3.60	0.120	0.53	0.75	112	786	52	9 830	-597.7	1 631.8	1996	1997-02
64	4.50	0.130	0.55	0.75	112	786	52	8 701	-430.1	1 526.9	1995	1997-12
64	5.20	0.100	0.38	0.80	90	810	58	11 451	-883.1	2 094.3	1995	1997-06
64	5.70	0.110	0.40	0.78	94	800	63	9 956	-718.1	1 797.2	1988	1997-09
32	3.80	0.095	0.52	0.78	56	810	61		-596.8	1 739.4	1997	1997-11 GPP
32	6.50	0.130	0.40	0.80	90	811	58		-694.5	1 902.9	1997	1997-11 GPP
16	18.00	0.150	0.46	0.88	77	809	55		-454.8	1 556.6	1997	1998-11
195	1.52	0.140	0.20	0.58	164	788	71	16 639	-1 305.3	2 371.2	1966	1996-06 GPP
2 148	2.36	0.090	0.20	0.58	293	784	77	27 414	-1 293.1	2 458.8	1973	1991-12 GPP
64	3.00	0.101	0.20	0.58	164	826	60	19 997	-1 105.4	2 100.9	1980	1988-12 ABAND 1997
100	4.50	0.090	0.20	0.58	115	783	73	26 290	-1 237.9	2 456.9	1981	1997-12 GPP
103	3.00	0.140	0.20	0.58	240	793	76	25 567	-1 269.8	2 417.7	1971	1996-12 GPP
1 079	1.91	0.080	0.26	0.58	245	796	76	25 949	-1 249.5	2 297.5	1973	1992-09 GPP
64	1.60	0.110	0.20	0.58	210	760	66	25 928	-1 240.9	2 364.4	1985	1986-03 GPP
192	2.16	0.120	0.29	0.58	235	808	82	26 757	-1 300.8	2 371.3	1986	1988-07
64	1.50	0.090	0.23	0.58	235	781	82	27 811	-1 322.6	2 427.3	1985	1992-12 GPP
64	5.20	0.120	0.40	0.58	245	796	76	22 709	-1 252.5	2 477.9	1991	1994-10
64	2.00	0.070	0.12	0.53	293	805	77		-1 263.0	2 428.2	1996	1997-12 GPP
16	20.00	0.020	0.25	0.80	200	813	88	24 496	-1 362.6	2 348.0	1994	1998-10 GPP
256	1.82	0.160	0.20	0.78	114	815	79	25 329	-1 444.7	2 464.0	1973	1996-08 GPP
833					160	833	80	30 992	-1 524.8	2 546.6	1973	1993-06
128	0.96	0.130	0.27	0.72								
705	1.71	0.170	0.19	0.72								
65	4.57	0.090	0.30	0.65	184	815	92	39 670	-1 945.8	3 120.2	1967	1992-03 GPP
64	1.52	0.170	0.18	0.60	220	804	99	30 027	-1 693.8	2 737.7	1975	1978-05 ABAND 1990
16	9.75	0.210	0.15	0.65	177	812	95	33 051	-1 863.2	3 079.7	1974	1996-06 ABAND 1984
64	2.70	0.150	0.35	0.65	180	803	93	27 414	-1 779.3	2 884.2	1967	1997-12 GPP
64	2.00	0.130	0.20	0.79	280	799	90	27 664	-1 790.6	2 974.4	1994	1995-07
64	2.20	0.110	0.30	0.65	230	820	93	25 322	-1 602.4	2 596.5	1994	1995-10 GPP
64	2.30	0.120	0.23	0.75	112	873	79		-1 578.7	2 551.9	1996	1997-02
64	1.30	0.120	0.20	0.56	248	809	96	36 874	-1 743.6	2 828.7	1995	1997-10
65	0.91	0.120	0.30	0.80	66	788	96	29 742	-1 923.2	3 098.8	1960	1988-08 GPP
64	5.00	0.085	0.25	0.53	352	779	104	32 744	-1 913.8	3 119.5	1978	1988-08 GPP
64	8.43	0.124	0.32	0.83	65	803	72	20 583	-1 749.1	2 776.3	1983	1984-09 ABAND 1990
32	4.00	0.120	0.30	0.60	214	786	88			2 634.0	1976	1998-07
64	13.50	0.070	0.25	0.70	213	805	88		-2 040.3	2 983.8	1979	1998-11
108	72.90	0.110	0.10	0.68	178	806	107	46 581	-2 138.4	3 107.4	1977	1995-12 GPP
90	69.23	0.058	0.14	0.74	130	816	102	32 674	-2 066.1	3 081.3	1977	1987-12 GPP
106	17.66	0.060	0.11	0.60	195	820	107	33 321	-2 136.3	3 096.4	1978	1997-09
157	44.88	0.065	0.12	0.67	169	815	102	34 534	-2 103.1	3 069.5	1978	1997-12 GPP
142	42.62	0.100	0.12	0.46	418	799	108	46 163	-2 188.0	3 199.9	1978	1997-12 GPP
20	22.30	0.045	0.23	0.55	255	813	100	38 370	-2 179.6	3 148.6	1978	1996-06 GPP
102	2.45	0.060	0.10	0.63	189	806	105	44 444	-2 156.4	3 133.6	1978	1997-12 ABAND 1997
112	47.10	0.050	0.20	0.50	396	802	102	33 825	-2 110.1	3 052.4	1979	1980-08 GPP
78	20.77	0.120	0.13	0.34	672	788	105	41 020	-2 203.3	3 194.8	1982	1998-12 GPP
97	23.10	0.070	0.12	0.43	417	795	106	35 270	-2 274.7	3 292.5	1986	1991-06 GPP
64	3.40	0.230	0.20	0.93	27	910	34	6 267	-159.5	865.8	1978	1983-12 ABAND 1991
64	2.70	0.250	0.20	0.91	35	887	35	6 117	-266.8	984.6	1985	1986-05 ABAND 1989
64	1.60	0.170	0.41	0.85	60	875	40	6 057	-358.3	1 085.3	1987	1991-10 ABAND 1989
64	4.20	0.080	0.53	0.92	21	868	40	5 965	-346.5	1 071.5	1986	1988-08 ABAND 1991
16	2.50	0.200	0.35	0.92	30	973	40	6 247	-346.1	1 064.8	1988	1991-10 ABAND 1989
64	2.80	0.060	0.42	0.85	60	868	40	7 320	-357.3	1 082.3	1986	1992-10 ABAND 1991
32	1.80	0.240	0.37	0.87	50	879	50		-521.7	1 346.1	1996	1997-04
65	28.44	0.101	0.09	0.83	74	892	59	15 283	-863.6	1 685.0	1961	1994-10 GPP
80	17.20	0.100	0.15	0.81	83	887	57	14 127	-853.3	1 676.5	1967	1995-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
BYEMOOR 034-19W4								
VIKING A	144.0	<0.06		7.8		7.8	7.8	
UPPER MANNVILLE A	1 077.0	0.07		75.4		75.4	51.3	24.1
FIELD TOTAL	1 221.0			83.2		83.2	59.1	24.1
CALAIS 070-24W5								
D-3 A	700.0	0.55		385.0		385.0	358.1	26.9
FIELD TOTAL	700.0			385.0		385.0	358.1	26.9
CAMPBELL-NAMAO 054-25W4								
BLAIRMORE A	2 860.0	0.09		257.0		257.0	256.1	0.9
BLAIRMORE C	216.0	0.20		43.2		43.2	37.8	5.4
BLAIRMORE D	150.0	0.22		33.0		33.0	30.3	2.7
BLAIRMORE E	2 938.0	<0.06		173.0		173.0	173.0	
BLAIRMORE F	3 960.0	0.09		356.0		356.0	305.7	50.3
BLAIRMORE G	124.0	0.05		6.2		6.2	6.2	
BLAIRMORE J	1 115.0	0.06		66.9		66.9	65.3	1.6
BLAIRMORE M	109.0	<0.01		0.1		0.1	0.1	
BLAIRMORE N	47.5	<0.05		2.2		2.2	2.2	
BLAIRMORE O	147.0	<0.06		7.6		7.6	7.6	
BLAIRMORE P	21.0	<0.07		1.4		1.4	1.4	
BLAIRMORE Q	82.4	<0.01		0.6		0.6	0.6	
BLAIRMORE S	104.0	0.03		3.1		3.1	3.1	
BLAIRMORE T	51.3	0.05		2.6		2.6	2.4	0.2
BLAIRMORE U	88.7	0.05		4.4		4.4	4.2	0.2
BLAIRMORE X	88.1	<0.04		3.0		3.0	3.0	
WABAMUN A	108.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL	12 210.0			961.3		961.3	900.0	61.3
CARBON 029-22W4								
GLAUCONITIC G	151.0	0.10		15.1		15.1	13.9	1.2
GLAUCONITIC H	45.6	0.03		1.4		1.4	1.4	
GLAUCONITIC J	446.0	0.20		89.2		89.2	52.4	36.8
GLAUCONITIC P	203.0	0.05		10.2		10.2	4.2	6.0
ELLERSLIE E	165.0	0.10		16.5		16.5	5.3	11.2
PEKISKD B	133.0	0.06		8.0		8.0	7.2	0.8
PEKISKD E	133.0	<0.10		12.2		12.2	12.2	
FIELD TOTAL	1 276.6			152.6		152.6	96.6	56.0
CARDIFF 055-02W5								
ELLERSLIE B	30.4	<0.04		1.0		1.0	1.0	
WABAMUN A	1 130.0	0.05		56.5		56.5	51.1	5.4
FIELD TOTAL	1 160.4			57.5		57.5	52.1	5.4
CARIBOU 062-10W5								
BEAVERHILL LAKE A	76.3	<0.01		0.7		0.7	0.7	
FIELD TOTAL	76.3			0.7		0.7	0.7	
CARMANGAY 013-22W4								
BOW ISLAND A	27.3	<0.09		2.2		2.2	2.2	
SUNBURST A	1 597.0	0.15		240.0		240.0	175.1	64.9
SUNBURST B	65.4	0.15		9.8		9.8	4.2	5.6
FIELD TOTAL	1 689.7			252.0		252.0	181.5	70.5
CAROLINE 035-06W5								
CARDIUM A	188.0	<0.02		2.7		2.7	2.7	
CARDIUM B	58.0	0.10		5.8		5.8	5.5	0.3
CARDIUM C	279.0	0.05		14.0		14.0	9.8	4.2
CARDIUM D	96.5	0.05		4.8		4.8	3.9	0.9
CARDIUM E TOTAL	11 050.0			1 014.0	1 691.0	2 705.0	2 388.6	316.4
PRIMARY AREA	1 950.0	0.10		195.0		195.0		
SOLVENT FLOOD AREA	4 700.0	0.09	0.21	423.0	987.0	1 410.0		
WATER FLOOD AREA	4 400.0	0.09	0.16	396.0	704.0	1 100.0		
CARDIUM F	530.0	<0.13		65.0		65.0	63.6	1.4
CARDIUM G	101.0	<0.02		1.7		1.7	1.7	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64 505	2.00 2.68	0.200 0.180	0.34 0.48	0.85 0.85	62 64	828 852	42 48	8 108 8 596	-306.3 -384.9	1 156.1 1 214.7	1977 1989	1996-06 GPP 1997-12 GPP
97	20.00	0.062	0.12	0.66	190	824	91	25 791	-2 128.7	2 823.0	1986	1997-12 GPP
809 47 32 503 534 16 313 64 16 16 16 16 16 16 64	3.08 3.96 3.14 4.18 4.63 6.00 2.57 1.80 4.50 6.40 1.60 3.80 4.30 2.60 4.60 4.00 1.70	0.174 0.180 0.210 0.213 0.220 0.210 0.220 0.150 0.150 0.250 0.210 0.230 0.230 0.220 0.210 0.230 0.180	0.25 0.29 0.22 0.20 0.20 0.25 0.30 0.30 0.50 0.30 0.33 0.20 0.30 0.30 0.27 0.35	0.88 0.91 0.91 0.82 0.91 0.82 0.90 0.90 0.88 0.82 0.91 0.88 0.82 0.80 0.82 0.82 0.85	41 41 41 41 41 68 43 38 45 71 39 45 71 71 71 71 48	870 870 870 870 870 894 892 850 864 844 879 870 844 845 845 845 854	47 47 48 46 46 41 35 37 41 51 30 46 51 51 51 51 38	8 299 8 413 8 336 8 387 7 917 7 019 7 933 8 017 8 355 6 805 7 406 8 336 7 448 7 006 7 024 7 034 7 465	-440.6 -439.6 -445.3 -433.3 -438.5 -429.7 -447.2 -448.6 -447.7 -453.8 -413.5 -432.5 -415.1 -431.1 -430.2 -436.6 -476.1	1 130.8 1 135.8 1 141.0 1 113.5 1 119.3 1 124.3 1 142.3 1 143.3 1 102.8 1 130.6 1 072.5 1 084.9 1 069.0 1 088.6 1 092.6 1 125.2 1 167.9	1949 1953 1959 1951 1966 1951 1976 1983 1984 1976 1985 1987 1988 1989 1989 1989 1981	1985-12 GPP 1998-12 GPP 1997-12 GPP 1996-06 GPP 1997-12 GPP 1996-06 ABAND 1995 1993-01 GPP 1984-09 ABAND 1984 1996-06 GPP 1996-06 GPP 1997-12 GPP 1996-06 GPP 1997-12 GPP 1996-06 ABAND 1995 1992-10 ABAND 1995
64 16 128 263 64 64 64	2.30 3.80 3.27 0.84 3.00 5.50 5.50	0.170 0.180 0.200 0.170 0.180 0.065 0.065	0.29 0.51 0.29 0.37 0.45 0.30 0.30	0.85 0.85 0.75 0.86 0.87 0.83 0.83	39 39 120 59 48 69 69	854 854 847 856 878 865 865	53 51 52 50 37 53 53	9 166 10 103 10 472 9 967 4 097 11 462 11 831	-641.1 -633.6 -606.1 -583.0 -633.0 -740.0 -740.8	1 471.6 1 473.5 1 418.4 1 410.8 1 448.0 1 581.9 1 578.7	1988 1988 1993 1995 1994 1975 1973	1997-12 GPP 1996-06 GPP 1995-12 GPP 1996-10 GPP 1995-03 GPP 1986-12 GPP 1997-12 GPP
16 256	2.00 7.96	0.270 0.110	0.12 0.44	0.40 0.90	110 50	788 930	51 43	10 156 10 647	-560.9 -684.1	1 279.0 1 401.9	1985 1983	1998-12 GPP 1994-12 GPP
64	3.20	0.070	0.25	0.71	110	839	85	24 315	-1 631.8	2 502.5	1985	1986-01 ABAND 1990
16 613 48	2.20 3.20 1.80	0.150 0.170 0.170	0.42 0.37 0.47	0.89 0.76 0.84	43 95 64	866 840 851	33 48 40	6 619 12 458 12 669	-195.8 -429.8 -440.0	1 190.8 1 441.0 1 453.5	1981 1991 1991	1996-06 GPP 1993-09 GPP 1998-11 GPP
16 64 256 64 10 042 2 309 3 519 4 214 467 64	12.80 3.82 2.02 2.07 1.66 2.50 2.25 3.06 3.05	0.151 0.039 0.120 0.140 0.120 0.120 0.103 0.080 0.110	0.20 0.20 0.25 0.20 0.20 0.16 0.15 0.20 0.15	0.76 0.76 0.60 0.65 0.53 0.53 0.53 0.58 0.55	142 142 257 186 352 352 246 312	797 801 784 811 797 797 801 801	73 66 73 66 73 73 77 69	25 414 27 317 27 617 29 693 28 974 28 974 28 125 22 181	-1 094.7 -1 168.1 -1 195.4 -1 193.1 -1 321.2 -1 321.2 -1 255.5 -1 231.8	2 255.4 2 365.4 2 402.7 2 378.8 2 517.0 2 517.0 2 451.4 2 429.4	1961 1965 1973 1974 1974 1974 1976 1975	1969-05 ABAND 1967 1991-12 GPP 1993-05 GPP 1991-12 GPP 1998-01 GPP GPP GPP 1997-12 GPP 1978-02 ABAND 1995

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
CAROLINE 035-06W5 (CONTINUED)								
CARDIUM H	66.2	<0.04		2.5		2.5	2.5	
CARDIUM I	94.2	<0.08		6.9		6.9	6.9	
CARDIUM K	59.9	0.15		9.0		9.0	5.7	3.3
CARDIUM R TOTAL	1 357.0			135.0	45.6	181.0	73.7	107.3
PRIMARY AREA	1 053.0	0.10		105.0		105.0		
WATER FLOOD AREA	304.0	0.10	0.15	30.4	45.6	76.0		
CARDIUM T	32.5	0.10		3.3		3.3	0.1	3.2
CARDIUM U	231.0	0.05		11.6		11.6	2.4	9.2
SECOND WHITE	164.0	<0.01		0.9		0.9	0.9	
SPECKS A								
SECOND WHITE	18.8	<0.05		0.8		0.8	0.8	
SPECKS B								
SECOND WHITE	57.3	<0.01		0.3		0.3	0.3	
SPECKS C								
FIRST WHITE SPECKS A & VIKING A	9 885.0	0.12		1 186.0		1 186.0	1 055.0	131.0
VIKING F	157.0	<0.07		10.7		10.7	10.7	
VIKING G	219.0	<0.03		5.8		5.8	5.8	
VIKING H	82.2	<0.06		4.8		4.8	4.8	
VIKING L	73.9	0.15		11.1		11.1	10.7	0.4
VIKING M	41.0	<0.02		0.8		0.8	0.8	
VIKING N	37.3	0.10		3.7		3.7	1.1	2.6
VIKING O	60.8	<0.05		2.8		2.8	2.8	
VIKING P	89.1	0.05		4.5		4.5	1.0	3.5
VIKING S	1 713.0	0.20		343.0		343.0	195.3	147.7
VIKING T	382.0	0.10		38.2		38.2	32.2	6.0
VIKING U	107.0	0.07		7.5		7.5	7.5	
VIKING W	72.2	<0.01		0.6		0.6	0.6	
VIKING X	1 256.0	0.10		126.0		126.0	90.5	35.5
VIKING Y	96.5	<0.01		0.3		0.3	0.3	
VIKING AA	34.5	<0.09		3.1		3.1	3.1	
VIKING BB	27.0	<0.02		0.3		0.3	0.3	
VIKING CC	108.0	0.05		5.4		5.4	1.2	4.2
VIKING FF	6.7	<0.03		0.2		0.2	0.2	
UPPER MANNVILLE A	187.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC K	63.9	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE W	52.9	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE MU #3	195.0	0.20		39.0		39.0	34.0	5.0
BASAL MANNVILLE A2A	80.5	<0.03		2.3		2.3	2.3	
BASAL MANNVILLE C2C, D2D, E2E & F2F	35.2	<0.06		1.9		1.9	1.8	0.1
BASAL MANNVILLE G2G, H2H & I2I	118.0	0.10		11.8		11.8	5.4	6.4
BASAL MANNVILLE N3N	76.5	<0.17		12.6		12.6	12.6	
BASAL MANNVILLE O30	207.0	0.15		31.1		31.1	23.4	7.7
BASAL MANNVILLE M4M	106.0	0.10		10.6		10.6	3.1	7.5
BASAL MANNVILLE R4R	76.6	0.15		11.5		11.5	1.2	10.3
RUNDLE A TOTAL	26 800.0			5 360.0	4 554.0	9 914.0	9 429.4	484.6
PRIMARY AREA	7 000.0	0.20		1 400.0		1 400.0		
WATER FLOOD AREA	19 800.0	0.20	0.23	3 960.0	4 554.0	8 514.0		
RUNDLE C	210.0	<0.02		3.0		3.0	3.0	
RUNDLE D	596.0	0.20		119.0		119.0	92.6	26.4
ELKTON M TOTAL	827.0			103.0	67.5	171.0	147.6	23.4
PRIMARY AREA	153.0	0.01		1.5		1.5		
WATER FLOOD AREA	674.0	0.15	0.10	101.0	67.5	169.0		
FIELD TOTAL	58 463.2			8 739.5	6 358.1	15 098.5	13 750.0	1 348.5
CARROT CREEK 052-13W5								
CARDIUM A TOTAL	868.0			104.0	64.3	168.0	162.9	5.1
PRIMARY AREA	63.9	0.12		7.7		7.7		
WATER FLOOD AREA	804.0	0.12	0.08	96.5	64.3	161.0		
CARDIUM B	121.0	0.17	0.03	20.6	3.6	24.2	20.4	3.8
WATER FLOOD								
CARDIUM D TOTAL	3 114.0			344.0	495.0	839.0	515.2	323.8
PRIMARY AREA	639.0	0.15		95.9		95.9		
WATER FLOOD AREA	2 475.0	0.10	0.20	248.0	495.0	743.0		
CARDIUM E TOTAL	442.0			52.1	34.6	86.7	81.3	5.4
PRIMARY AREA	9.1	<0.02		0.1		0.1		
WATER FLOOD AREA	433.0	0.12	0.08	52.0	34.6	86.6		

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
65	1.83	0.120	0.20	0.58	246	801	74	22 007	-1 203.4	2 412.2	1975	1985-12 GPP
64	2.10	0.110	0.15	0.75	140	836	70	27 528	-1 296.0	2 521.8	1985	1996-06 GPP
64	2.40	0.100	0.25	0.52	312	802	74	27 372	-1 251.7	2 412.3	1989	1989-06 GPP
1 879					312	802	74	29 178	-1 378.4	2 555.7	1980	1998-11
1 559	1.44	0.110	0.18	0.52								
320	2.00	0.110	0.17	0.52								
64	1.30	0.080	0.20	0.61	214	795	74			2 406.0	1991	1998-06
64	7.90	0.110	0.20	0.52	299	840	78			2 357.6	1975	1998-10 GPP
64	5.00	0.100	0.30	0.73	120	820	65	19 419	-1 408.5	2 621.5	1978	1981-12 ABAND 1983
16	7.00	0.030	0.20	0.70	127	796	75	15 932	-1 236.4	2 288.9	1988	1996-06 GPP
16	8.00	0.100	0.30	0.64	177	791	84	19 670	-1 305.4	2 407.5	1986	1996-06
7 800	3.10	0.080	0.30	0.73	89	825	89	17 891	-1 484.6	2 657.3	1957	1997-12 GPP
98	3.05	0.100	0.30	0.75	89	825	89	17 064	-1 344.3	2 473.6	1968	1996-06 GPP
192	3.23	0.076	0.38	0.75	139	793	77	17 475	-1 526.3	2 707.3	1977	1996-06 GPP
64	4.74	0.070	0.47	0.73	110	790	85	21 871	-1 574.7	2 786.9	1979	1980-06 ABAND 1983
64	3.70	0.080	0.35	0.60	213	844	85	16 974	-1 332.3	2 457.3	1955	1982-11 GPP
16	6.10	0.100	0.30	0.60	210	844	66	20 134	-1 311.2	2 417.0	1962	1996-06 GPP
64	1.90	0.069	0.26	0.60	200	839	85	17 027	-1 338.2	2 457.2	1985	1993-12 GPP
32	7.50	0.065	0.35	0.60	195	803	89	19 317	-1 427.7	2 574.9	1982	1996-06 GPP
64	3.00	0.090	0.23	0.67	181	808	78	17 745	-1 443.1	2 583.0	1986	1993-12 GPP
1 512	2.84	0.070	0.24	0.75	120	816	87	22 553	-1 665.8	2 821.4	1980	1998-06
256	4.36	0.070	0.27	0.67	181	816	87	18 418	-1 361.9	2 443.1	1980	1984-01 GPP
32	5.80	0.100	0.20	0.72	128	849	59	18 420	-1 362.2	2 422.4	1981	1996-06 GPP
64	3.21	0.069	0.24	0.67	181	808	87	18 487	-1 396.6	2 486.5	1985	1989-12 ABAND 1994
1 019	3.23	0.078	0.27	0.67	181	808	87	19 376	-1 408.4	2 527.9	1984	1989-01
64	3.00	0.100	0.25	0.67	181	808	87	18 493	-1 397.0	2 489.5	1986	1992-10
64	1.10	0.120	0.32	0.60	230	818	84	17 817	-1 453.4	2 558.3	1988	1996-06 GPP
16	5.40	0.080	0.40	0.65	207	817	92	16 714	-1 332.3	2 454.9	1958	1996-06 GPP
32	7.90	0.090	0.35	0.73	111	829	86	11 351	-1 307.0	2 389.0	1956	1992-11 GPP
16	1.00	0.080	0.20	0.65	207	817	92	28 701	-1 734.7	2 915.5	1993	1996-06
64	4.00	0.130	0.12	0.64	181	863	81	27 544	-1 627.5	2 718.9	1981	1986-12
64	3.23	0.069	0.30	0.64	181	863	81	24 165	-1 534.0	2 609.5	1984	1989-12 ABAND 1996
16	5.00	0.110	0.22	0.77	78	811	110	25 986	-1 689.1	2 839.6	1980	1996-04 ABAND 1995
96	2.70	0.130	0.25	0.77	483	811	92	30 916	-1 622.5	2 698.1	1957	1988-12 GPP
32	3.90	0.130	0.20	0.62	191	806	88	27 577	-1 594.1	2 724.7	1982	1997-12 ABAND 1997
16	4.60	0.090	0.24	0.70	191	807	88	26 079	-1 487.7	2 545.8	1986	1996-06 GPP
64	2.70	0.120	0.19	0.70	191	807	88	30 491	-1 499.8	2 554.2	1986	1987-01 GPP
32	5.82	0.073	0.25	0.75	105	830	88	28 854	-1 650.6	2 811.8	1981	1996-06 GPP
64	4.90	0.100	0.12	0.75	125	832	92	28 941	-1 705.1	2 916.6	1981	1984-12 GPP
16	11.60	0.100	0.25	0.76	190	818	84	25 180	-1 583.8	2 696.0	1961	1996-05 GPP
64	1.70	0.120	0.15	0.69	145	837	72	25 508	-1 632.2	2 768.6	1996	1997-04 GPP
7 376					130	844	91	25 333	-1 638.5	2 724.8	1955	1995-12
2 950	6.54	0.070	0.29	0.73								
4 426	8.20	0.090	0.17	0.73								
124	6.36	0.050	0.24	0.70	195	863	93	27 922	-1 663.1	2 806.2	1985	1996-06 GPP
259	4.75	0.080	0.17	0.73	127	865	90	22 818	-1 676.2	2 735.7	1960	1994-10 GPP
199					150	847	31	23 993	-1 642.9	2 726.0	1985	1993-08
32	6.60	0.150	0.27	0.66								
167	5.81	0.130	0.19	0.66								GPP
403					53	834	57	10 423	-729.7	1 668.6	1963	1994-12 GPP
32	3.22	0.100	0.27	0.85								
371	4.85	0.072	0.27	0.85								
130	2.21	0.065	0.20	0.81	62	829	61	10 869	-745.1	1 664.8	1967	1992-04 GPP
1 024					65	844	52	10 455	-699.0	1 597.6	1973	1994-10
318	3.52	0.080	0.15	0.84								
706	5.99	0.082	0.15	0.84								GPP
196					50	835	57	10 636	-699.8	1 638.1	1980	1997-06
63	0.56	0.036	0.13	0.83								
133	7.54	0.060	0.13	0.83								GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
CARROT CREEK 052-13W5 (CONTINUED)								
CARDIUM F TOTAL	5 655.0			858.0	600.0	1 458.0	1 293.6	164.4
PRIMARY AREA	201.0	0.20		40.2		40.2		
WATER FLOOD AREA	5 454.0	0.15	0.11	818.0	600.0	1 418.0		
CARDIUM H	18.7	<0.12		2.2		2.2	2.2	
CARDIUM I	176.0	0.10		17.6		17.6	15.4	2.2
CARDIUM K TOTAL	2 500.0			240.0	92.0	332.0	304.4	27.6
PRIMARY AREA	200.0	0.05		10.0		10.0		
WATER FLOOD AREA	2 300.0	0.10	0.04	230.0	92.0	322.0		
CARDIUM S	435.0	<0.04		13.5		13.5	13.5	
CARDIUM V	162.0	<0.01		0.1		0.1	0.1	
CARDIUM AA	85.6	0.07		6.0		6.0	4.4	1.6
CARDIUM DD	113.0	0.12		13.6		13.6	11.2	2.4
CARDIUM EE	523.0	0.11		57.5		57.5	51.0	6.5
CARDIUM FF	186.0	0.06		11.2		11.2	3.7	7.5
CARDIUM GG	1 862.0	0.04		74.5		74.5	56.7	17.8
CARDIUM JJ	360.0	0.09		32.4		32.4	20.4	12.0
CARDIUM MM	213.0	<0.03		4.4		4.4	4.4	
CARDIUM PP	184.0	0.11		20.2		20.2	17.2	3.0
CARDIUM QQ	104.0	0.05		5.2		5.2	5.2	
CARDIUM RR	29.6	0.20		5.9		5.9	1.2	4.7
CARDIUM TT	7.9	0.32		2.5		2.5	2.5	
CARDIUM UU	157.0	0.15		23.6		23.6	9.3	14.3
LOWER MANNVILLE A	85.3	0.05		4.2		4.2	3.3	0.9
LOWER MANNVILLE B	221.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE N	73.7	<0.02		1.3		1.3	1.3	
LOWER MANNVILLE T	174.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE V	154.0	0.10		15.4		15.4	15.4	
LOWER MANNVILLE W	234.0	0.03		7.0		7.0	2.6	4.4
LOWER MANNVILLE BB	58.3	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE M, JURASSIC O.P.V & W	4 600.0	0.05		230.0		230.0	225.0	5.0
JURASSIC A	213.0	<0.01		0.2		0.2	0.2	
JURASSIC II	61.6	0.15		9.2		9.2	1.5	7.7
JURASSIC X,AA & CC	254.0	0.06		15.2		15.2	7.4	7.8
FIELD TOTAL	23 445.7			2 194.8	1 289.5	3 484.0	2 856.1	627.9
CARSON CREEK 061-11W5								
VIKING A	315.0	0.06		18.9		18.9	16.5	2.4
FIELD TOTAL	315.0			18.9		18.9	16.5	2.4
CARSON CREEK NORTH 062-12W5								
BEAVERHILL	60 200.0			9 033.0	18 480.0	27 510.0	25 696.7	1 813.3
LAKE A & B TOTAL								
PRIMARY AREA	198.0	<0.17		32.9		32.9		
WATER FLOOD AREA	60 000.0	0.15	0.30	9 000.0	18 480.0	27 480.0		
FIELD TOTAL	60 200.0			9 033.0	18 480.0	27 510.0	25 696.7	1 813.3
CARSTAIRS 030-02W5								
CARDIUM A	240.0	0.03		7.2		7.2	4.6	2.6
CARDIUM B	23.3	<0.01		0.2		0.2	0.2	
BLACKSTONE A	129.0	0.05		6.5		6.5	0.7	5.8
VIKING B	200.0	0.10		20.0		20.0	18.9	1.1
VIKING C	65.7	<0.10		6.3		6.3	6.3	
VIKING D	58.1	0.05		2.9		2.9	0.4	2.5
VIKING E	80.6	0.15		12.1		12.1	2.6	9.5
FIELD TOTAL	796.7			55.2		55.2	33.7	21.5
CARVEL 053-02W5								
ELLERSLIE A	65.6	0.10		6.6		6.6	1.0	5.6
FIELD TOTAL	65.6			6.6		6.6	1.0	5.6
CAVALIER 024-24W4								
VIKING A	31.9	0.15		4.8		4.8	0.5	4.3
GLAUCONITIC A	1 161.0	0.10	0.05	116.0	58.0	174.0	163.6	10.4
WATER FLOOD								

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 934 64	4.50	0.100	0.18	0.85	65	854	56	10 358	-686.4	1 617.1	1973	1994-12
1 870 16	4.54	0.090	0.14	0.83								
64	5.20	0.040	0.27	0.77	63	840	57	9 103	-716.9	1 603.1	1979	1998-10 GPP
837	4.99	0.071	0.10	0.86	53	834	57	8 673	-635.6	1 508.9	1967	1984-12 GPP
128					50	838	68	11 040	-769.8	1 764.8	1982	1994-10
709	3.03	0.072	0.15	0.84								GPP
192	6.31	0.072	0.15	0.84								
64	3.74	0.080	0.11	0.85	65	836	56	14 943	-652.9	1 530.6	1984	1992-10 ABAND 1994
128	3.00	0.110	0.10	0.85	50	838	68	9 141	-717.6	1 628.4	1984	1984-12 ABAND 1988
20	1.69	0.066	0.25	0.80	48	842	68	9 116	-685.9	1 558.8	1984	1998-12 GPP
100	11.40	0.083	0.30	0.85	50	852	68	7 926	-706.1	1 586.6	1985	1994-10 GPP
64	9.32	0.070	0.10	0.89	51	845	56	9 742	-700.0	1 597.9	1985	1997-12 GPP
815	2.70	0.170	0.21	0.80	104	826	63	9 154	-698.9	1 565.7	1983	1996-08 GPP
191	4.48	0.080	0.25	0.85	54	837	57	10 524	-675.5	1 565.0	1983	1998-12 GPP
64	3.65	0.080	0.24	0.85	61	819	60	8 457	-695.5	1 576.4	1986	1996-08
40	5.70	0.081	0.15	0.85	75	849	56	11 824	-569.6	1 401.5	1985	1993-02 ABAND 1992
27	7.50	0.090	0.20	0.85	61	819	60	10 611	-685.2	1 591.5	1987	1993-12 GPP
32	5.53	0.090	0.10	0.86	46	793	57	10 513	-742.4	1 659.8	1966	1996-06 GPP
64	2.00	0.080	0.32	0.85	65	742	56	10 017	-738.1	1 670.1	1992	1994-01 GPP
64	0.52	0.050	0.35	0.73	125	850	60	13 794	-636.4	1 499.9	1960	1996-12 ABAND 1963
16	6.00	0.080	0.40	0.85	56	836	59		-698.6	1 588.0	1997	1997-12 GPP
64	6.40	0.170	0.30	0.70	135	835	62	15 456	-1 219.7	2 182.5	1978	1997-12 GPP
64	6.40	0.140	0.45	0.70	125	842	82	17 835	-1 274.0	2 175.2	1979	1985-09 ABAND 1990
64	2.30	0.130	0.45	0.70	130	884	86	17 842	-1 271.9	2 181.0	1980	1994-02 ABAND 1993
64	5.00	0.120	0.38	0.73	110	846	59	15 931	-1 247.1	2 129.3	1981	1988-12 ABAND 1993
64	5.20	0.096	0.35	0.74	105	826	78	14 137	-1 213.7	2 100.0	1986	1987-03 GPP
64	7.30	0.110	0.35	0.70	125	844	84	16 294	-1 266.7	2 166.6	1987	1997-03 GPP
32	2.20	0.140	0.20	0.74	116	827	78	16 504	-1 127.3	1 987.2	1988	1995-11 ABAND 1994
1 054	8.61	0.110	0.36	0.72	53	834	57	17 084	-1 213.1	2 128.3	1976	1994-12 GPP
64	7.00	0.100	0.35	0.73	125	850	60	17 077	-1 265.8	2 187.7	1979	1983-12 ABAND 1980
64	2.00	0.100	0.35	0.74	118	827	78			2 058.5	1997	1998-07
64	7.50	0.130	0.45	0.74	115	864	60	17 071	-1 262.1	2 207.3	1979	1996-08 GPP
128	2.70	0.166	0.37	0.87	50	836	56	8 457	-485.4	1 373.7	1988	1998-10 GPP
7 228					274	806	88	25 740	-1 729.8	2 648.8	1958	1994-12
128	3.84	0.080	0.16	0.60								
7 100	21.93	0.080	0.14	0.56								GPP
64	6.00	0.130	0.35	0.74	119	836	66	16 778	-875.5	1 981.0	1983	1986-12 GPP
64	1.00	0.070	0.35	0.80	82	854	59	16 616	-852.0	1 956.5	1983	1984-10 ABAND 1990
64	4.50	0.080	0.30	0.80	85	844	61	20 977	-940.7	2 037.0	1983	1992-06 GPP
128	2.72	0.110	0.37	0.83	68	835	71	13 809	-1 098.9	2 206.9	1958	1989-07 GPP
32	3.00	0.150	0.45	0.83	68	835	71	12 027	-1 050.7	2 174.6	1980	1996-06 ABAND 1994
64	2.10	0.120	0.60	0.90	30	863	62	12 964	-1 180.8	2 264.4	1964	1992-12 GPP
32	3.50	0.150	0.20	0.60	74	847	68	12 225	-1 086.9	2 182.4	1958	1995-08 GPP
64	1.90	0.130	0.50	0.83	92	847	45	11 426	-639.6	1 423.9	1994	1995-10 GPP
64	0.50	0.160	0.25	0.83	75	850	45	7 466	-427.3	1 361.8	1994	1995-03
196	5.02	0.180	0.21	0.83	70	871	49	12 370	-670.1	1 623.4	1978	1998-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
CAVALIER 024-24W4 (CONTINUED)								
GLAUCONITIC C WATER FLOOD	675.0	0.15	0.15	101.0	101.0	202.0	71.9	* 130.1
GLAUCONITIC D WATER FLOOD	386.0	0.06		23.2		23.2	1.6	21.6
GLAUCONITIC F WATER FLOOD	119.0	<0.15	0.01	17.5	1.2	18.7	18.7	
GLAUCONITIC K	68.8	0.15		10.3		10.3	1.4	8.9
GLAUCONITIC L	185.0	0.15		27.8		27.8	12.7	15.1
GLAUCONITIC O	141.0	0.15		21.2		21.2	2.3	18.9
FIELD TOTAL	2 767.7			321.8	160.2	482.0	272.7	209.3
CENTRON 023-26W4								
LOWER MANNVILLE A	17.5	<0.02		0.3		0.3	0.3	
FIELD TOTAL	17.5			0.3		0.3	0.3	
CESSFORD 025-13W4								
VIKING FF	82.2	<0.01		0.2		0.2	0.2	
VIKING VV	84.2	0.15		12.6		12.6	6.9	5.7
VIKING ZZ	5.5	0.20		1.1		1.1	0.6	0.5
BASAL COLORADO H.P MANNVILLE M & U4U	181.0	0.05		9.1		9.1	1.1	8.0
MANNVILLE 020	88.7	<0.08		6.6		6.6	6.5	0.1
MANNVILLE HH & 030	191.0	0.03		5.7		5.7	0	1.7
MANNVILLE 050	160.0	<0.01		0.7		0.7	0.7	
MANNVILLE W5W	249.0	0.05		12.5		12.5	4.1	8.4
MANNVILLE 060	62.2	0.10		6.2		6.2	1.6	4.6
MANNVILLE R6R	67.4	0.10		6.7		6.7	0.7	6.0
BASAL QUARTZ J	81.0	<0.01		0.5		0.5	0.5	
PEKISKO A	63.6	<0.03		1.4		1.4	1.4	
BANFF B	6 802.0	<0.07		425.0		425.0	389.4	35.6
BANFF E	31.2	<0.09		2.6		2.6	2.6	
BANFF F	147.0	<0.01		0.1		0.1	0.1	0.1
BANFF H	25.3	<0.01		0.1		0.1	0.1	
BANFF I	50.7	<0.01		0.1		0.1	0.1	
BANFF J	138.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	8 510.0			491.3		491.3	420.6	70.7
CHAIN 033-17W4								
VIKING A	12.4	<0.03		0.3		0.3	0.2	0.1
VIKING D	516.0	0.13		67.1		67.1	62.2	4.9
VIKING F	138.0	<0.04		4.6		4.6	4.6	
BANFF A	3 100.0	0.09		279.0		279.0	248.3	30.7
BANFF B	53.8	<0.10		4.9		4.9	4.9	
BANFF D	97.8	0.20		19.6		19.6	11.7	7.9
BANFF E	27.6	<0.01		0.2		0.2	0.2	
BANFF F	45.1	<0.05		1.9		1.9	1.9	
BANFF G	124.0	0.15		18.6		18.6	13.9	4.7
FIELD TOTAL	4 114.7			396.2		396.2	347.9	48.3
CHAMBERLAIN 052-23W4								
BLAIRMORE	511.0	0.10		51.1		51.1	41.2	9.9
FIELD TOTAL	511.0			51.1		51.1	41.2	9.9
CHEDDERVILLE 037-07W5								
CARDIUM A	75.2	<0.01		0.5		0.5	0.5	
CARDIUM B	62.3	0.15		9.3		9.3	3.7	5.6
VIKING A WATER FLOOD	1 782.0	0.15	0.25	267.0	446.0	713.0	356.5	356.5
VIKING C	73.9	0.15		11.0		11.0	9.7	1.3
FIELD TOTAL	1 993.4			287.8	446.0	733.8	370.4	363.4
CHERHILL 056-05W5								
VIKING C	101.0	0.20		20.2		20.2	18.3	1.9
VIKING D	124.0	<0.01		1.1		1.1	1.1	
DETRITAL A	58.1	0.10		5.8		5.8	4.1	1.7
BANFF A TOTAL	13 000.0			1 940.0	1 625.0	3 565.0	2 566.8	998.2
PRIMARY AREA	500.0	0.13		65.0		65.0		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
129	3.71	0.200	0.15	0.83	69	867	49	11 196	-629.6	1 568.3	1993	1995-12 GPP
32	10.20	0.190	0.25	0.83	69	867	49	11 518	-673.5	1 678.5	1993	1996-08
36	2.75	0.190	0.24	0.83	69	866	49	11 731	-650.7	1 618.3	1993	1998-12 GPP
16	3.50	0.200	0.26	0.83	69	866	49	11 825	-671.9	1 633.8	1992	1992-09 GPP
56	3.25	0.170	0.28	0.83	69	867	49	11 723	-662.2	1 667.2	1993	1997-08 GPP
64	1.30	0.240	0.15	0.83	70	867	49	11 514	-642.6	1 535.7	1996	1997-04 GPP
16	1.50	0.120	0.24	0.80	180	805	52	14 720	-899.3	1 908.0	1989	1996-06
64	1.00	0.220	0.41	0.99	50	833	31	7 398	-110.2	827.5	1990	1994-11 ABAND 1991
64	1.00	0.220	0.35	0.92	36	850	28	7 621	-107.6	853.5	1993	1993-11 GPP
16	0.50	0.140	0.45	0.90	35	842	42	7 007	-112.5	855.8	1993	1994-11 GPP
128	1.36	0.230	0.48	0.87	60	878	33	9 689	-290.2	1 053.8	1955	1996-08 GPP
64	1.50	0.220	0.40	0.70	130	766	30	9 639	-311.5	1 102.3	1985	1996-06 GPP
64	5.00	0.140	0.48	0.82	70	863	47	10 128	-430.4	1 269.8	1972	1985-12 GPP
32	5.20	0.190	0.45	0.92	33	887	34	9 425	-294.1	1 002.1	1994	1995-10 ABAND 1995
32	6.00	0.220	0.33	0.88	59	865	32	8 932	-276.8	999.2	1995	1996-06 GPP
16	3.00	0.240	0.40	0.90	46	872	41			1 087.5	1997	1998-10 GPP
32	2.00	0.180	0.35	0.90	97	880	31		-253.5	968.0	1989	1998-11 GPP
32	2.50	0.190	0.35	0.82	80	868	31	9 181	-280.0	997.3	1993	1995-02 ABAND 1994
65	1.83	0.100	0.40	0.89	66	844	44	9 705	-370.1	1 282.4	1959	1961-09 ABAND 1968
2 501	3.92	0.145	0.45	0.87	46	877	40	10 005	-445.3	1 281.9	1972	1994-12 GPP
16	2.20	0.160	0.37	0.88	55	857	50	8 228	-432.5	1 232.8	1985	1998-12 GPP
64	8.50	0.050	0.38	0.87	50	859	40	8 948	-374.0	1 317.5	1987	1988-07 ABAND 1987
16	4.50	0.080	0.50	0.88	51	878	43	10 596	-303.5	1 047.3	1991	1992-11 ABAND 1991
16	4.50	0.160	0.50	0.88	51	878	43	10 594	-299.2	1 027.3	1991	1996-06
32	7.00	0.140	0.50	0.88	51	878	43	8 465	-310.4	1 045.0	1991	1994-11 ABAND 1991
16	1.00	0.150	0.40	0.86	50	838	42	6 709	-243.2	1 066.3	1974	1995-12
632	0.90	0.170	0.38	0.86	62	834	24	8 303	-274.5	1 126.4	1976	1997-12 GPP
64	1.60	0.230	0.32	0.86	55	832	36	8 296	-293.7	1 159.8	1985	1995-02 ABAND 1994
768	9.60	0.070	0.23	0.78	112	865	40	9 373	-412.7	1 259.5	1984	1997-12
32	2.50	0.140	0.40	0.80	50	860	38	9 484	-402.9	1 236.8	1985	1996-06 GPP
64	4.00	0.070	0.30	0.78	112	856	43	8 432	-463.5	1 303.8	1985	1987-12 GPP
64	2.50	0.050	0.54	0.75	113	860	40	9 068	-400.0	1 240.8	1985	1989-12 ABAND 1990
16	10.30	0.050	0.27	0.75	113	868	40	9 284	-428.6	1 249.1	1977	1996-06 GPP
64	7.20	0.060	0.40	0.75	88	860	40	9 468	-464.4	1 309.0	1987	1988-12 GPP
45	7.53	0.252	0.32	0.88	41	892	46	8 290	-436.1	1 124.8	1951	1998-12 GPP
64	1.70	0.120	0.20	0.72	115	815	70	22 520	-1 203.6	2 253.2	1985	1986-03 ABAND 1991
64	1.40	0.110	0.20	0.79	90	822	71		-1 194.2	2 221.1	1996	1997-10
1 512	3.16	0.070	0.27	0.73	115	815	63	17 550	-1 558.0	2 639.4	1987	1997-10 GPP
64	2.48	0.080	0.29	0.82	207	809	92	17 033	-1 451.8	2 530.4	1988	1989-06
64	1.24	0.190	0.20	0.84	62	844	56	8 157	-436.2	1 140.6	1973	1997-12 GPP
64	1.86	0.160	0.25	0.87	55	849	38	7 614	-443.8	1 157.3	1977	1983-12 ABAND 1989
64	1.00	0.170	0.40	0.89	74	867	45	11 247	-606.1	1 304.8	1983	1986-10 GPP
1 632					64	871	48	11 325	-613.9	1 324.0	1966	1994-12
96	8.24	0.130	0.36	0.76								

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
CHERRILL 056-05W5 (CONTINUED)								
WATER FLOOD AREA	12 500.0	0.15	0.13	1 875.0	1 625.0	3 500.0		
BANFF H	8 006.0	0.05		400.0		400.0	292.9	107.1
BANFF J	109.0	<0.05		5.2		5.2	5.2	
BANFF P	327.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	21 725.1			2 372.4	1 625.0	3 997.4	2 888.5	1 108.9
CHICKADEE 061-16W5								
GETHING D	88.1	<0.01		0.2		0.2	0.2	
FIELD TOTAL	88.1			0.2		0.2	0.2	
CHICKEN 061-07W6								
CHINOOK A	429.0	0.05		21.5		21.5	9.5	12.0
CHINOOK D	116.0	0.10		11.6		11.6	4.1	7.5
CARDIUM A	63.4	0.04		2.5		2.5	1.9	0.6
FIELD TOTAL	608.4			35.6		35.6	15.5	20.1
CHIGWELL 041-24W4								
BELLY RIVER D	144.0	<0.03		3.9		3.9	3.9	
VIKING B TOTAL	2 702.0			324.0	10.6	335.0	314.6	20.4
PRIMARY AREA	1 642.0	0.12		197.0		197.0		
WATER FLOOD AREA	1 060.0	0.12	0.01	127.0	10.6	138.0		
VIKING D	89.5	<0.05		4.2		4.2	4.2	
VIKING E	8 152.0	0.05		408.0		408.0	355.2	52.8
MANNVILLE G	134.0	<0.01		0.2		0.2	0.2	
MANNVILLE H	144.0	0.13		18.7		18.7	18.3	0.4
MANNVILLE I	42.2	<0.08		3.2		3.2	3.2	
MANNVILLE K	45.9	0.05		2.3		2.3	2.3	
MANNVILLE E & UPPER MANNVILLE A	8 287.0	0.07		580.0		580.0	432.3	147.7
UPPER MANNVILLE B	68.1	<0.07		4.6		4.6	4.6	
UPPER MANNVILLE C	261.0	<0.01		0.2		0.2	0.2	
D-2 A	616.0	0.35		216.0		216.0	155.6	60.4
D-2 B	57.2	0.23		13.2		13.2	11.7	1.5
D-2 C	499.0	0.14		69.9		69.9	69.1	0.8
D-2 D	98.8	<0.03		2.0		2.0	2.0	
D-3 A	84.4	0.10		8.4		8.4	6.5	1.9
D-3 B	538.0	0.35		188.0		188.0	174.4	13.6
D-3 C	254.0	<0.01		0.4		0.4	0.4	
D-3 E	228.0	<0.29		65.1		65.1	65.1	
D-3 F	74.2	<0.01		0.1		0.1	0.1	
D-3 G	372.0	0.25		93.0		93.0	19.2	73.8
FIELD TOTAL *	22 891.3			2 005.4	10.6	2 016.4	1 643.1	373.3
CHIGWELL NORTH 042-24W4								
D-3 A	110.0	<0.01		0.5		0.5	0.5	
D-3 B	130.0	0.30		39.0		39.0	20.9	18.1
D-3 C	377.0	0.16		60.3		60.3	50.9	9.4
D-3 D	47.5	<0.03		1.0		1.0	1.0	
FIELD TOTAL	664.5			100.8		100.8	73.3	27.5
CHINCHAGA 097-08W6								
BLSKY-GETH-MONTNEY B	472.0	0.05		23.6		23.6	11.2	12.4
SLAVE POINT B	117.0	0.10		11.7		11.7	2.0	9.7
FIELD TOTAL	589.0			35.3		35.3	13.2	22.1
CHINCHAGA NORTH 098-07W6								
SLAVE POINT A	5 129.0	0.20		1 026.0		1 026.0	704.3	321.7
SLAVE POINT B	46.7	0.20		9.3		9.3	0.3	9.0
FIELD TOTAL	5 175.7			1 035.3		1 035.3	704.6	330.7
CHIP LAKE 053-10W5								
BELLY RIVER A	196.0	0.10		19.6		19.6	1.6	18.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 536	10.20	0.150	0.30	0.76								
1 279	5.71	0.200	0.37	0.87	68	825	41	11 050	-651.2	1 354.9	1973	1995-03 GPP
32	4.57	0.140	0.30	0.76	73	865	47	10 115	-627.6	1 345.4	1968	1982-09 GPP
64	3.70	0.240	0.33	0.86	48	892	64	10 992	-622.3	1 351.2	1984	1988-12
64	2.73	0.120	0.40	0.70	156	824	82	13 599	-937.2	1 838.1	1980	1988-12 GPP
96	7.25	0.160	0.45	0.70	120	804	54	11 489	-623.7	1 935.3	1987	1994-08 GPP
16	10.00	0.160	0.48	0.87	45	809	44	10 434	-606.6	1 863.5	1993	1994-09
32	4.40	0.110	0.36	0.64	189	801	53	21 570	-868.4	2 052.3	1982	1998-10 GPP
32	3.05	0.261	0.35	0.87	27	805	33	5 777	34.6	780.7	1965	1993-07 ABAND 1971
1 581					50	844	46	7 836	-535.5	1 416.6	1959	1996-09
1 000	2.34	0.130	0.40	0.90								
581	2.60	0.130	0.40	0.90								
64	3.20	0.120	0.60	0.91	34	830	58	8 102	-549.1	1 464.6	1982	1989-12 ABAND 1988
3 376	3.24	0.130	0.37	0.91	34	858	58	8 017	-551.3	1 399.1	1980	1989-03
65	1.83	0.150	0.15	0.89	39	910	51	12 463	-707.6	1 648.2	1977	1977-06 ABAND 1978
32	4.00	0.170	0.20	0.83	59	915	63	12 464	-692.9	1 595.1	1978	1998-10 GPP
16	2.20	0.170	0.15	0.83	58	850	63	14 135	-723.1	1 627.3	1978	1996-06 GPP
64	1.20	0.180	0.60	0.83	59	874	63	11 522	-706.2	1 572.8	1985	1986-06 GPP
5 376	1.51	0.150	0.18	0.83	33	921	48	12 409	-694.1	1 578.9	1964	1983-02 GPP
16	3.35	0.180	0.15	0.83	59	915	63	13 498	-697.5	1 602.5	1977	1996-06 GPP
64	4.00	0.150	0.20	0.85	80	900	60	7 799	-579.9	1 443.0	1979	1980-06 ABAND 1981
128	11.60	0.070	0.21	0.75	106	829	70	15 509	-980.9	1 834.5	1955	1996-10 GPP
32	2.59	0.140	0.42	0.85	106	829	71	16 821	-1 022.9	1 879.9	1959	1997-12 GPP
404	4.57	0.045	0.25	0.80	83	829	72	16 985	-996.1	1 879.1	1968	1991-12 GPP
65	3.96	0.060	0.20	0.80	83	829	57	14 142	-993.2	1 872.5	1974	1975-08 ABAND 1977
100	3.02	0.050	0.19	0.69	147	820	60	17 244	-1 048.8	1 932.4	1964	1996-04 GPP
90	12.16	0.080	0.18	0.75	105	855	63	16 859	-1 054.9	1 941.8	1968	1989-12 GPP
64	5.50	0.110	0.10	0.73	110	844	65	19 181	-1 241.6	2 129.3	1981	1982-03 ABAND 1981
83	7.30	0.062	0.17	0.73	129	834	71	14 330	-1 043.5	1 908.4	1983	1996-06
64	2.30	0.070	0.10	0.80	81	874	56	16 014	-982.8	1 850.2	1986	1987-04 ABAND 1987
128	8.61	0.060	0.25	0.75	105	855	63	15 252	-1 059.9	1 945.3	1985	1997-12 GPP
64	4.50	0.070	0.25	0.73	120	844	59	13 749	-979.1	1 843.3	1980	1982-03 ABAND 1984
32	7.30	0.090	0.15	0.73	119	832	72	12 804	-948.4	1 848.7	1991	1992-03 GPP
64	8.00	0.120	0.16	0.73	119	833	72	12 730	-941.6	1 836.8	1991	1994-12 GPP
16	5.20	0.080	0.14	0.83	120	840	59	13 237	-973.8	1 849.0	1990	1996-06
64	7.00	0.170	0.34	0.94	28	857	41	5 396	-91.0	857.7	1994	1996-12
64	10.00	0.040	0.25	0.61	206	797	90	23 899	-1 609.5	2 294.0	1996	1996-08
1 210	6.30	0.120	0.11	0.63	158	828	96	23 247	-1 502.9	2 234.3	1995	1996-12 GPP
64	1.50	0.090	0.27	0.74	124	851	70	19 691	-1 441.8	2 099.3	1996	1997-06
64	4.34	0.180	0.55	0.87	60	836	35	8 500	-241.6	1 079.3	1995	1996-02

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
CHIP LAKE 053-10W5 (CONTINUED)								
ROCK CREEK A	222.0	0.10		22.2		22.2	15.0	7.2
ROCK CREEK B	237.0	0.10		23.7		23.7	13.1	10.6
ROCK CREEK D	457.0	0.20		91.4		91.4	37.3	54.1
ROCK CREEK F	71.9	0.03		2.2		2.2	2.2	
ROCK CREEK G	284.0	0.10		28.4		28.4	16.1	12.3
FIELD TOTAL	1 467.9			187.5		187.5	85.3	102.2
CINDY 077-01W6								
DEBOLT A & B	443.0	0.10		44.3		44.3	28.4	15.9
D-1 A	75.0	<0.07		4.8		4.8	4.8	
D-1 B	213.0	<0.05		8.7		8.7	8.7	
FIELD TOTAL	731.0			57.8		57.8	41.9	15.9
CLAIR 073-05W6								
HALFWAY A	236.0	0.15		35.4		35.4	2.1	33.3
FIELD TOTAL	236.0			35.4		35.4	2.1	33.3
CLARESHOLM 013-26W4								
BARONS B	15.5	0.10		1.6		1.6	0.7	0.9
BARONS D	411.0	0.20		82.2		82.2	15.8	66.4
BARONS E	78.0	0.10		7.8		7.8	4.3	3.5
BARONS F	81.2	0.20		16.2		16.2	3.2	13.0
BARONS G	62.7	0.20		12.5		12.5	4.5	8.0
BARONS H	29.4	0.15		4.4		4.4	1.1	3.3
BARONS I	20.6	0.10		2.1		2.1	0.8	1.3
BLAIRMORE B	901.0	0.20		180.0		180.0	96.9	83.1
GLAUCONITIC C	58.7	<0.06		3.0		3.0	3.0	
RUNDLE A	1 916.0	<0.03		50.9		50.9	50.9	
RUNDLE B	1 338.0	<0.04		46.0		46.0	41.4	4.6
RUNDLE C	56.4	<0.08		4.2		4.2	4.2	
RUNDLE F	186.0	<0.03		3.8		3.8	3.8	
RUNDLE G	107.0	0.05		5.4		5.4	0.2	5.2
RUNDLE H	136.0	0.10		13.6		13.6	5.2	8.4
RUNDLE I	81.0	0.10		8.1		8.1	2.4	5.7
FIELD TOTAL	5 478.5			441.8		441.8	238.4	203.4
CLEAR HILLS 087-10W6								
HALFWAY A	219.0	0.20		43.8		43.8	22.4	21.4
HALFWAY B	135.0	0.10		13.5		13.5	1.7	11.8
FIELD TOTAL	354.0			57.3		57.3	24.1	33.2
CLEAR PRAIRIE 091-12W6								
GETHING A	304.0	<0.01		0.2		0.2	0.2	
TRIASSIC A	186.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	490.0			0.5		0.5	0.5	
CLIVE 040-24W4								
GLAUCONITIC A	195.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC B	64.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC C	350.0	0.10		35.0		35.0	29.2	5.8
GLAUCONITIC D	66.4	0.10		6.6		6.6	0.7	5.9
ELLERSLIE I	142.0	0.10		14.2		14.2	0.9	13.3
D-2 A TOTAL	7 144.0			2 475.0	1 255.0	3 730.0	3 488.9	241.1
PRIMARY AREA	170.0	0.20		34.0		34.0		
WATER FLOOD AREA	6 974.0	0.35	0.18	2 441.0	1 255.0	3 696.0		
D-2 B TOTAL	683.0			126.0	70.0	196.0	187.0	9.0
PRIMARY AREA	183.0	<0.01		1.0		1.0		
WATER FLOOD AREA	500.0	0.25	0.14	125.0	70.0	195.0		
D-2 C	35.0	<0.07		2.2		2.2	2.2	
D-3 A TOTAL	12 310.0			4 925.0	3 000.0	7 925.0	7 077.9	847.1
PRIMARY AREA	313.0	0.40		125.0		125.0		
WATER FLOOD AREA	12 000.0	0.40	0.25	4 800.0	3 000.0	7 800.0		
FIELD TOTAL	20 989.4			7 584.2	4 325.0	11 909.2	10 787.0	1 122.2

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	10.50	0.125	0.34	0.80	85	838	58	18 579	-1 000.9	1 810.5	1981	1972-08 GPP
64	5.50	0.120	0.30	0.80	93	841	60	18 632	-1 008.2	1 856.3	1978	1997-11 GPP
278	3.14	0.110	0.33	0.71	144	821	72	16 046	-1 071.5	1 934.8	1993	1998-11 GPP
16	6.00	0.130	0.28	0.80	93	841	60	18 229	-1 011.3	1 871.0	1989	1997-03
64	6.60	0.120	0.30	0.80	93	841	60	17 345	-1 011.8	1 862.8	1989	1997-11
110	3.58	0.210	0.20	0.67	163	832	64	15 924	-902.9	1 526.2	1987	1990-03 GPP
10	21.80	0.050	0.14	0.80	72	842	70	22 494	-1 504.1	2 118.9	1984	1996-06 GPP
16	59.50	0.040	0.30	0.80	68	838	69	22 681	-1 528.7	2 136.8	1985	1996-06
64	5.00	0.120	0.19	0.76	106	835	70			1 806.3	1997	1998-12
64	0.70	0.050	0.10	0.77	110	813	70	13 882	-1 032.1	2 083.6	1987	1994-08 GPP
624	0.91	0.150	0.29	0.68	126	828	55	13 620	-737.5	1 718.1	1996	1998-03 GPP
32	2.30	0.160	0.23	0.86	65	854	43	10 545	-688.6	1 655.3	1996	1997-10 GPP
128	1.49	0.090	0.43	0.83	80	854	47	12 677	-782.0	1 748.1	1997	1998-06 GPP
64	1.06	0.210	0.29	0.62	198	820	43			1 587.9	1997	1998-05
32	0.81	0.180	0.30	0.90	44	857	42			1 535.1	1997	1998-10 GPP
64	0.52	0.130	0.30	0.68	165	810	43			1 460.3	1997	1998-07 GPP
595	2.12	0.150	0.30	0.68	150	810	51	14 020	-1 073.5	2 122.7	1980	1997-08 GPP
64	1.30	0.120	0.30	0.84	65	857	50	8 613	-819.1	1 780.7	1980	1994-05 ABAND 1993
129	28.96	0.086	0.16	0.71	131	844	55	19 784	-1 067.4	2 065.9	1971	1996-06 GPP
194	14.11	0.081	0.15	0.71	131	844	54	19 729	-1 065.8	2 061.3	1972	1997-12 GPP
65	3.05	0.060	0.35	0.73	128	849	60	20 536	-1 090.4	2 067.9	1967	1973-01 GPP
64	13.00	0.035	0.15	0.75	135	863	67	25 233	-1 160.9	2 122.5	1980	1981-10 ABAND 1982
32	11.70	0.050	0.26	0.77	127	847	55	20 386	-1 070.4	2 050.8	1994	1996-07
32	7.80	0.100	0.29	0.77	127	847	55	20 091	-1 130.2	2 122.3	1996	1997-03
64	3.51	0.090	0.48	0.77	127	847	55	20 129	-1 135.3	2 121.1	1995	1997-04
64	4.30	0.160	0.31	0.72	118	823	64	9 884	-466.7	1 238.2	1991	1991-10 GPP
64	2.85	0.140	0.37	0.84	70	819	45		-453.4	1 156.9	1996	1998-09
64	3.70	0.230	0.38	0.90	35	882	36	7 801	-247.2	1 090.6	1975	1992-10 ABAND 1994
64	3.00	0.200	0.45	0.88	43	894	49	8 225	-254.6	1 052.3	1979	1989-06 ABAND 1991
64	4.00	0.130	0.35	0.90	35	881	62	11 541	-698.7	1 584.8	1978	1979-01 ABAND 1979
64	1.40	0.120	0.30	0.85	58	881	62	11 446	-690.2	1 578.7	1978	1983-12 ABAND 1997
128	2.64	0.160	0.28	0.90	35	881	45	10 248	-664.6	1 513.9	1982	1992-11
64	1.24	0.140	0.28	0.83	66	881	47	11 503	-696.6	1 583.6	1977	1994-08 GPP
32	3.00	0.250	0.25	0.79	148	809	59		-743.3	1 601.5	1985	1998-11
3 505					148	820	69	17 100	-982.7	1 862.9	1951	1997-12 GPP
173	2.96	0.060	0.20	0.69								
3 332	6.32	0.060	0.20	0.69								
322					148	820	68	16 952	-991.4	1 838.5	1966	1998-12 GPP
64	5.89	0.080	0.12	0.69								
258	6.12	0.052	0.12	0.69								
65	1.22	0.080	0.20	0.69	142	820	67	17 167	-989.7	1 891.9	1964	1970-05 ABAND 1967
4 250					155	825	66	17 593	-1 017.8	1 894.0	1952	1991-11
188	5.02	0.060	0.20	0.69								
4 062	8.92	0.060	0.20	0.69								GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
CLOVER 061-17W5 GETHING A	60.5	<0.01		0.1		0.1	0.1	
FIELD TOTAL	60.5			0.1		0.1	0.1	
CONNEMARA 016-27W4 RUNDLE A	163.0	0.10		16.3		16.3	0.1	16.2
FIELD TOTAL	163.0			16.3		16.3	0.1	16.2
CONNORSVILLE 026-15W4 ELLERSLIE F	74.3	0.10		7.4		7.4	0.4	7.0
NISKU A	92.6	0.10		9.3		9.3	2.0	7.3
FIELD TOTAL *	166.9			16.7		16.7	2.4	14.3
CDRAL 046-06W5 CARDIUM A	68.0	0.05		3.4		3.4	0.7	2.7
FIELD TOTAL	68.0			3.4		3.4	0.7	2.7
CORBETT 061-07W5 VIKING C	42.9	0.15		6.4		6.4	1.1	5.3
FIELD TOTAL	42.9			6.4		6.4	1.1	5.3
CORDEL 042-16W5 CARDIUM A	575.0	0.15		86.3		86.3	39.4	46.9
CARDIUM B	445.0	0.15		66.8		66.8	6.6	60.2
FIELD TOTAL	1 020.0			153.1		153.1	46.0	107.1
CORNWALL 070-26W5 GILWOOD A	102.0	0.10		10.2		10.2	2.6	7.6
FIELD TOTAL	102.0			10.2		10.2	2.6	7.6
COUNTESS 021-15W4 UPPER MANNVILLE K2K	92.3	0.10		9.2		9.2	1.8	7.4
UPPER MANNVILLE Q20	152.0	0.10		15.2		15.2	1.9	13.3
LOWER MANNVILLE Z	4 203.0			420.0	960.0	1 380.0	450.6	929.4
TOTAL								
PRIMARY AREA	201.0	0.10		20.1		20.1		
WATER FLOOD AREA	4 002.0	0.10	0.24	400.0	960.0	1 360.0		
LOWER MANNVILLE EE	113.0	0.05		5.7		5.7	0.6	5.1
LOWER MANNVILLE FF	164.0	0.05		8.2		8.2	0.1	8.1
LOWER MANNVILLE GG	78.1	0.10		7.8		7.8	1.1	6.7
LOWER MANNVILLE LL	26.9	0.10		2.7		2.7	0.1	2.6
FIELD TOTAL *	4 829.3			468.8	960.0	1 428.8	456.2	972.6
COUTTS 001-16W4 MOULTON A	2 168.0	<0.25	0.27	524.0	585.0	1 109.0	797.3	311.7
WATER FLOOD								
MOULTON B	89.2	<0.01		0.7		0.7	0.7	
MOULTON D	112.0	0.20		22.4		22.4	14.9	7.5
MOULTON F	14.9	<0.03		0.3		0.3	0.3	
MOULTON G	146.0	0.15		21.9		21.9	15.7	6.2
MOULTON H	29.0	0.05		1.5		1.5	1.1	0.4
MOULTON I	114.0	0.15		17.1		17.1	10.1	7.0
MOULTON J	77.3	0.15		11.6		11.6	4.8	6.8
CUTBANK A	30.2	<0.04		1.0		1.0	1.0	
FIELD TOTAL	2 780.6			600.5	585.0	1 185.5	845.9	339.6
COYOTE 029-15W4 GLAUCONITIC G	94.1	<0.01		0.1		0.1	0.1	
BANFF A	70.3	<0.01		0.3		0.3	0.3	
BANFF B	157.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	321.4			0.5		0.5	0.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.50	0.150	0.40	0.70	156	824	82	15 556	-1 086.3	2 018.0	1980	1983-12 GPP
32	8.35	0.120	0.35	0.78	82	842	73	21 500	-1 275.3	2 300.6	1956	1996-10
32 16	3.00 7.50	0.180 0.130	0.50 0.31	0.86 0.86	66 63	881 886	32 41	12 165	-614.7	1 054.0 1 410.8	1997 1996	1998-03 GPP 1997-02 GPP
64	1.40	0.120	0.20	0.79	91	832	53			1 484.5	1996	1998-03
64	1.90	0.090	0.56	0.89	45	836	45	6 632	-292.8	1 009.5	1996	1997-06 GPP
64 64	12.10 12.00	0.090 0.090	0.15 0.30	0.97 0.92	11 32	799 799	30 41	3 650	447.1	1 072.0 1 398.5	1996 1997	1997-08 1998-06
32	4.80	0.100	0.20	0.83	100	844	95	26 953	-2 536.0	3 196.4	1983	1991-12 GPP
32 16 602	4.00 9.50	0.180 0.180	0.55 0.36	0.89 0.87	56 56 56	869 870 868	37 37 37		-405.7	1 194.0 1 037.3 1 141.0	1996 1997 1993	1997-09 1998-08 1997-12
32 570	5.20 6.10	0.220 0.210	0.37 0.37	0.87 0.87								
16	7.00	0.210	0.44	0.86	66	880	32	6 415	-326.4	1 098.4	1995	1996-09 GPP
16	7.00	0.230	0.26	0.86	66	881	32	11 012	-404.2	1 162.2	1996	1996-01 GPP
24	3.62	0.190	0.45	0.86	66	881	32	11 367	-324.7	1 093.6	1996	1997-01 GPP
16	2.30	0.170	0.50	0.86	58	880	34	9 999	-424.0	1 212.9	1997	1997-12 GPP
288	6.95	0.210	0.40	0.86	55	825	29	6 468	316.3	773.6	1966	1996-11 GPP
64 43 16 32 8	2.16 2.51 1.20 4.93 3.30	0.150 0.200 0.180 0.210 0.220	0.50 0.39 0.50 0.48 0.42	0.86 0.85 0.86 0.85 0.86	64 55 56 55 56	825 820 818 820 818	29 27 28 27 28	6 364 7 025 5 657 6 865 6 463	302.5 283.3 316.4 293.0 288.5	765.8 781.6 760.1 803.0 800.4	1969 1988 1993 1994 1994	1983-12 ABAND 1986 1994-01 GPP 1996-06 GPP 1994-12 GPP 1998-10 GPP
32 32 64	2.90 2.70 0.60	0.230 0.200 0.140	0.38 0.48 0.34	0.86 0.86 0.85	56 56 55	818 818 820	28 28 27	6 231 7 087	276.6 273.5 274.5	807.8 813.0 784.4	1995 1996 1988	1995-07 GPP 1997-09 GPP 1994-05 ABAND 1994
64 64 16	1.50 3.00 26.80	0.220 0.080 0.070	0.45 0.48 0.33	0.81 0.88 0.78	64 33 60	876 859 876	43 47 45	9 394 8 924 8 925	-339.3 -369.4 -364.7	1 296.8 1 295.0 1 303.6	1982 1985 1986	1984-02 ABAND 1990 1985-09 ABAND 1987 1992-11 ABAND 1992

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
CRAIGMYLE 032-16W4									
OSTRACOD B	150.0	0.03		4.5		4.5	1.3	3.2	
OSTRACOD C	38.5	0.10		3.9		3.9	1.4	2.5	
ELLERSLIE E	187.0	<0.01		1.0		1.0	1.0		
DETRITAL B	177.0	<0.01		0.2		0.2	0.2		
DETRITAL D	152.0	<0.01		0.1		0.1	0.1		
BANFF A	109.0	<0.11		11.3		11.3	11.3		
BANFF B	156.0	<0.07		9.8		9.8	9.8		
BANFF E	88.0	<0.01		0.1		0.1	0.1		
BANFF F	254.0	0.15		38.1		38.1	26.7	11.4	
BANFF G	79.4	<0.01		0.1		0.1	0.1		
BANFF H	89.8	<0.01		0.1		0.1	0.1		
BANFF I	465.0	0.11		51.2		51.2	48.7	2.5	
BANFF K	484.0	0.07		33.9		33.9	27.4	6.5	
BANFF L	113.0	<0.01		0.7		0.7	0.7		
BANFF M	31.7	<0.01		0.1		0.1	0.1		
BANFF N	19.8	0.01		0.2		0.2	0.2		
BANFF O	360.0	<0.01		0.2		0.2	0.2		
BANFF Q	85.4	<0.01		0.6		0.6	0.6		
BANFF R	117.0	0.05		5.9		5.9	2.5	3.4	
FIELD TOTAL	3 156.6			162.0		162.0	132.5	29.5	
CRANBERRY 096-04W6									
GILWOOD A	96.1	<0.12		11.3		11.3	11.3		
FIELD TOTAL *	96.1			11.3		11.3	11.3		
CROSSFIELD 026-01W5									
CARDIUM A TOTAL	25 700.0			1 543.0	1 743.0	3 286.0	3 266.0	20.0	
PRIMARY AREA	795.0	<0.07		48.5		48.5			
WATER FLOOD AREA	24 900.0	0.06	0.07	1 494.0	1 743.0	3 237.0			
CARDIUM B	391.0	0.07		27.4		27.4	24.9	2.5	
CARDIUM C	53.7	0.10		5.4		5.4	3.4	2.0	
JUMPING POUND A	119.0	0.14		16.7		16.7	13.8	2.9	
SECOND WHITE	278.0	0.18		50.0		50.0	48.7	1.3	
SPECKS A									
SECOND WHITE	253.0	0.15		38.0		38.0	37.6	0.4	
SPECKS B									
VIKING A	311.0	0.10		31.1		31.1	30.0	1.1	
VIKING B	388.0	0.20		77.6		77.6	61.9	15.7	
VIKING C	38.8	0.18		7.0		7.0	6.5	0.5	
VIKING E	35.0	0.10		3.5		3.5	3.1	0.4	
VIKING F	23.3	<0.02		0.4		0.4	0.4		
RUNDLE B	138.0	0.10		13.8		13.8	2.2	11.6	
RUNDLE C	1 000.0	0.15		150.0		150.0	132.5	17.5	
RUNDLE E	406.0	0.40		162.0		162.0	134.1	27.9	
RUNDLE G	1 230.0	0.25		308.0		308.0	284.6	23.4	
RUNDLE J	228.0	<0.05		9.9		9.9	9.9		
RUNDLE M	488.0	0.15		73.2		73.2	51.6	21.6	
RUNDLE P	405.0	0.15		60.8		60.8	30.4	30.4	
RUNDLE Q	180.0	0.10		18.0		18.0	2.4	15.6	
FIELD TOTAL	31 665.8			2 595.8	1 743.0	4 338.8	4 144.0	194.8	
CROSSFIELD EAST 029-01W5									
CARDIUM B	144.0	0.07		10.1		10.1	8.0	2.1	
CARDIUM C	2 430.0	0.13		316.0		316.0	306.1	9.9	
CARDIUM D	1 148.0	0.06		68.9		68.9	62.2	6.7	
CARDIUM F	57.9	0.15		8.7		8.7	7.4	1.3	
VIKING A	179.0	<0.02		2.2		2.2	2.2		
ELLERSLIE A	212.0	0.08		17.0		17.0	10.9	6.1	
ELLERSLIE D	269.0	0.10		26.9		26.9	1.1	25.8	
ELKTON A	1 060.0	0.17		180.0		180.0	176.1	3.9	
ELKTON D	2 702.0	0.14		378.0		378.0	354.9	23.1	
ELKTON F	634.0	0.15		95.1		95.1	89.2	5.9	
ELKTON G	1 399.0	0.25		350.0		350.0	210.4	139.6	
ELKTON I	492.0	0.15		73.8		73.8	4.1	69.7	
FIELD TOTAL	10 726.9			1 526.7		1 526.7	1 232.6	294.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	4.50	0.270	0.50	0.77	40	871	51	9 498	-395.1	1 247.6	1979	1992-08 GPP
16	2.70	0.220	0.48	0.78	84	865	42	6 720	-400.9	1 261.4	1951	1993-05 GPP
64	3.40	0.180	0.38	0.77	58	880	42	9 421	-417.4	1 273.7	1986	1994-11 ABAND 1988
64	2.00	0.210	0.25	0.88	45	860	39	8 397	-398.4	1 238.0	1986	1987-07 ABAND 1989
32	4.30	0.180	0.28	0.85	61	834	42	7 466	-403.7	1 242.2	1986	1990-12 ABAND 1993
32	9.50	0.070	0.40	0.85	65	869	43	9 648	-411.7	1 248.6	1984	1998-10 GPP
64	9.00	0.058	0.45	0.85	60	859	39	9 101	-450.0	1 296.0	1986	1998-06 ABAND 1998
32	15.00	0.037	0.34	0.75	88	860	40	9 693	-409.6	1 250.0	1986	1991-10 ABAND 1989
32	23.60	0.070	0.36	0.75	88	860	40	8 603	-410.5	1 255.3	1986	1996-12 GPP
64	4.80	0.040	0.24	0.85	61	860	42	9 752	-405.8	1 237.7	1986	1987-04 ABAND 1987
32	11.00	0.040	0.25	0.85	61	860	37	9 105	-425.1	1 262.5	1986	1991-10 ABAND 1989
100	13.70	0.054	0.26	0.85	60	869	36	9 598	-418.3	1 266.4	1986	1994-12 GPP
64	23.98	0.053	0.30	0.85	45	898	41	10 941	-436.3	1 279.6	1985	1994-11 GPP
64	8.10	0.040	0.36	0.85	64	880	40	9 755	-424.1	1 275.1	1986	1986-08 ABAND 1989
64	4.00	0.030	0.45	0.75	88	878	40	10 958	-433.9	1 289.5	1985	1989-12 ABAND 1989
16	2.60	0.080	0.30	0.85	60	870	41	8 901	-409.1	1 252.9	1986	1994-11 ABAND 1995
64	14.50	0.060	0.24	0.85	60	870	41	9 685	-409.0	1 236.2	1986	1987-11 ABAND 1987
64	5.70	0.050	0.40	0.78	58	880	40	8 891	-431.2	1 288.8	1986	1989-12 ABAND 1990
32	15.50	0.050	0.37	0.75	88	860	40	8 466	-422.1	1 263.0	1985	1994-11 GPP
64	3.00	0.110	0.35	0.70	68	825	62	22 993	-1 499.6	2 461.5	1980	1996-06 GPP
12 910					82	834	66	25 090	-897.5	2 033.3	1956	1997-12 GPP
259	4.30	0.098	0.10	0.81								
12 651	2.50	0.108	0.10	0.81								
192	2.71	0.110	0.10	0.76	53	834	54	8 353	-599.7	1 643.7	1961	1998-10 GPP
64	1.30	0.100	0.15	0.76	105	851	54	8 323	-595.1	1 634.7	1982	1984-03 GPP
110	1.22	0.160	0.30	0.79	82	834	66	28 270	-915.0	2 082.7	1961	1982-12 GPP
285	6.64	0.030	0.30	0.70	89	815	49	28 295	-1 069.6	2 234.5	1974	1993-12 GPP
64	3.00	0.220	0.20	0.75	85	827	70	27 702	-945.4	2 171.5	1980	1987-12 GPP
262	1.90	0.110	0.29	0.80	44	839	64	22 500	-1 024.9	2 169.8	1964	1998-10 GPP
701	1.11	0.120	0.48	0.80	84	838	80	14 498	-1 138.3	2 242.2	1982	1996-12 GPP
64	1.60	0.080	0.40	0.79	84	838	80	16 138	-1 080.9	2 290.2	1982	1994-11 GPP
16	5.97	0.077	0.44	0.85	48	811	72	15 999	-1 055.6	2 270.9	1983	1998-10 GPP
16	3.00	0.090	0.40	0.90	28	839	64	7 567	-1 339.0	2 482.7	1991	1998-10 GPP
64	2.74	0.110	0.15	0.84	98	789	65			2 294.1	1962	1998-05 GPP
128	12.98	0.110	0.28	0.76	133	865	81	25 510	-1 798.7	2 608.4	1963	1994-12 GPP
64	6.70	0.150	0.17	0.76	121	860	71	19 540	-1 077.8	2 114.4	1967	1997-12 GPP
202	12.19	0.102	0.30	0.70	131	860	81	22 376	-1 381.2	2 606.9	1973	1976-06 GPP
32	15.27	0.084	0.27	0.76	103	871	81	20 595	-1 387.4	2 610.5	1988	1995-11 ABAND 1995
64	12.50	0.110	0.27	0.76	121	860	71	20 289	-1 066.0	2 100.8	1970	1997-12 GPP
165	3.73	0.099	0.17	0.80	95	853	74	18 248	-1 072.5	2 096.3	1995	1997-03 GPP
59	4.48	0.100	0.15	0.80	95	855	74	18 274	-1 071.5	2 096.0	1995	1997-03 GPP
128	1.60	0.110	0.15	0.75	46	815	60	20 648	-677.6	1 719.3	1965	1983-10 GPP
3 098	1.14	0.100	0.14	0.80	69	849	59	20 833	-711.9	1 744.1	1954	1996-12 GPP
473	3.31	0.115	0.15	0.75	53	815	63	20 656	-650.2	1 681.1	1966	1988-07 GPP
64	1.00	0.130	0.13	0.80	85	850	50	20 415	-616.3	1 637.5	1984	1985-06 GPP
64	4.60	0.130	0.33	0.70	44	840	56	20 138	-992.5	2 116.1	1981	1992-07 ABAND 1991
64	5.30	0.100	0.30	0.89	35	874	66	15 313	-1 081.2	2 103.8	1977	1996-12 GPP
64	4.80	0.160	0.28	0.76	192	850	76		-1 224.3	2 271.8	1997	1998-03 GPP
486	6.74	0.060	0.17	0.65	195	855	70	20 976	-1 201.0	2 281.5	1961	1981-12 GPP
462	11.00	0.092	0.15	0.68	191	855	79	21 167	-1 224.6	2 330.6	1960	1987-12 GPP
128	11.40	0.090	0.29	0.68	154	853	79	20 911	-1 245.3	2 332.6	1975	1987-12 GPP
226	8.05	0.110	0.08	0.76	138	858	77	22 090	-1 266.9	2 329.4	1996	1998-08 GPP
32	25.00	0.090	0.10	0.76	138	858	77			2 639.5	1997	1998-03 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
CRYSTAL 046-03W5								
BELLY RIVER A	194.0	0.05		9.7		9.7	4.9	4.8
BELLY RIVER B	45.0	0.15		6.8		6.8	3.4	3.4
BELLY RIVER C	107.0	<0.01		0.7		0.7	0.7	
BELLY RIVER D	386.0	0.05		19.3		19.3	5.1	14.2
VIKING A TOTAL	17 740.0			2 271.0	1 416.0	3 687.0	3 315.6	371.4
PRIMARY AREA	2 436.0	<0.06		128.0		128.0		
WATER FLOOD AREA	15 300.0	<0.15	0.09	2 143.0	1 416.0	3 559.0		
VIKING H	2 000.0	0.07		140.0		140.0	138.3	1.7
VIKING I	60.5	<0.01		0.6		0.6	0.6	
VIKING K	49.4	0.10		4.9		4.9	4.4	0.5
FIELD TOTAL	20 581.9			2 453.0	1 416.0	3 869.0	3 473.0	396.0
CULP 079-24W5								
WABAMUN A	140.0	<0.15		20.1		20.1	20.1	
WABAMUN B	274.0	<0.09		23.6		23.6	23.6	
WABAMUN C	283.0	0.13		36.8		36.8	29.9	6.9
WABAMUN D	158.0	0.20		31.6		31.6	30.4	1.2
WABAMUN E	145.0	<0.06		7.4		7.4	7.4	
WABAMUN F	330.0	<0.03		7.3		7.3	7.3	
WABAMUN G	64.7	<0.01		0.6		0.6	0.6	
WABAMUN H	198.0	<0.04		6.2		6.2	6.2	
WABAMUN I	216.0	0.15		32.4		32.4	26.3	6.1
GRANITE WASH A	86.6	0.30		26.0		26.0	22.2	3.8
FIELD TOTAL	1 895.3			192.0		192.0	174.0	18.0
CYGNET 038-01W5								
BELLY RIVER A	70.7	<0.01		0.5		0.5	0.5	
VIKING A	385.0	0.10		38.5		38.5	32.5	6.0
VIKING C	176.0	<0.09		15.0		15.0	14.4	0.6
VIKING F	140.0	<0.01		0.1		0.1	0.1	
VIKING G	613.0	0.06		36.8		36.8	35.6	1.2
VIKING H	142.0	0.15		21.3		21.3	16.5	4.8
VIKING J	139.0	<0.02		1.6		1.6	1.6	
VIKING K	50.4	<0.15		7.3		7.3	7.3	
VIKING M	24.6	0.02		0.5		0.5	0.5	
VIKING N	184.0	<0.05		7.4		7.4	7.4	
VIKING O	150.0	0.27		40.5		40.5	37.1	3.4
VIKING P	24.5	<0.08		1.9		1.9	1.9	
VIKING Q	85.6	0.15		12.8		12.8	10.8	2.0
VIKING R	106.0	<0.02		1.5		1.5	1.5	
GLAUCONITIC A	36.3	<0.01		0.2		0.2	0.2	
GLAUCONITIC B	103.0	<0.11		11.3		11.3	10.8	0.5
GLAUCONITIC C	154.0	<0.02		2.1		2.1	2.1	
GLAUCONITIC E	107.0	0.07		7.5		7.5	6.6	0.9
ELLERSLIE A	86.4	<0.06		5.0		5.0	5.0	
ELLERSLIE B	30.4	<0.01		0.1		0.1	0.1	
ELLERSLIE C	76.4	0.15		11.5		11.5	3.7	7.8
ELLERSLIE D	117.0	<0.01		0.5		0.5	0.5	
ELLERSLIE E	60.5	<0.01		0.2		0.2	0.2	
ELLERSLIE J	31.2	<0.06		1.7		1.7	1.7	
ELLERSLIE K	33.4	<0.08		2.5		2.5	2.5	
ELLERSLIE M	58.2	0.10		5.8		5.8	2.5	3.3
ELLERSLIE R	91.2	<0.01		0.6		0.6	0.6	
ELLERSLIE V	28.6	0.05		1.4		1.4	1.2	0.2
ELLERSLIE Y	59.2	0.15		8.9		8.9		8.9
PEKISKO A	563.0	0.05		28.2		28.2	20.5	7.7
FIELD TOTAL	3 926.6			273.2		273.2	225.9	47.3
CYN-PEM 051-11W5								
BELLY RIVER A	269.0	<0.02		4.5		4.5	4.5	
BELLY RIVER B	184.0	<0.01		1.8		1.8	1.8	
BELLY RIVER C TOTAL	965.0			145.0	82.4	227.0	196.1	30.9
PRIMARY AREA	553.0	0.15		83.0		83.0		
WATER FLOOD AREA	412.0	0.15	0.20	61.8	82.4	144.0		
CARDIUM A TOTAL	6 480.0			772.0	1 474.0	2 246.0	2 240.5	5.5
PRIMARY AREA	70.2	<0.09		6.0		6.0		
WATER FLOOD AREA	6 410.0	<0.12	0.23	766.0	1 474.0	2 240.0		
CARDIUM B	575.0	0.10		57.5		57.5	49.5	8.0
CARDIUM C TOTAL	1 296.0			149.0	241.0	390.0	332.3	57.7

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	7.30	0.170	0.45	0.89	39	845	44	7 339	-173.1	1 131.1	1986	1991-12 GPP
16	3.70	0.150	0.43	0.89	39	845	44	7 506	-159.0	1 152.8	1992	1995-12 GPP
16	10.00	0.160	0.45	0.76	103	824	54	7 025	-153.8	1 086.5	1982	1997-02 ABAND 1996
64	9.50	0.140	0.49	0.89	39	845	38	6 900	-159.1	1 089.0	1992	1997-12 GPP
4 181	6.06	0.100	0.65	0.81	82	825	76	10 705	-801.6	1 793.2	1978	1998-08
1 418												
2 763	11.10	0.110	0.44	0.81								GPP
1 079	2.85	0.118	0.32	0.81	74	807	60	10 622	-802.9	1 741.7	1978	1993-01 GPP
16	11.52	0.090	0.55	0.81	74	835	60	9 515	-804.6	1 743.9	1985	1998-10 GPP
64	2.23	0.075	0.43	0.81	74	836	60	10 443	-813.6	1 757.6	1984	1992-12 GPP
16	40.60	0.045	0.40	0.80	76	858	61	19 652	-1 282.1	1 853.7	1985	1998-10 GPP
20	20.90	0.120	0.30	0.78	111	841	60	20 911	-1 345.2	1 902.8	1985	1996-06 GPP
16	57.00	0.044	0.15	0.83	62	848	61	19 697	-1 284.9	1 839.7	1988	1997-12 GPP
32	19.29	0.045	0.28	0.79	99	852	57	20 075	-1 337.3	1 867.5	1990	1998-10 GPP
16	30.90	0.050	0.26	0.79	99	852	57	19 597	-1 292.2	1 852.7	1990	1994-11
32	37.50	0.040	0.13	0.79	99	852	57	19 438	-1 273.1	1 844.6	1990	1992-11 ABAND 1992
16	12.80	0.070	0.45	0.82	67	835	62	18 944	-1 213.5	1 779.8	1991	1993-02 ABAND 1992
16	31.50	0.060	0.21	0.83	62	833	61	19 103	-1 265.7	1 838.1	1991	1996-06
16	29.70	0.070	0.20	0.81	77	858	60	19 189	-1 267.4	1 841.5	1991	1998-10 GPP
64	1.70	0.150	0.39	0.87	35	835	74	26 385	-1 835.8	2 399.0	1986	1997-12 GPP
16	5.00	0.160	0.40	0.92	27	806	33	9 175	-119.0	1 038.2	1985	1993-05 ABAND 1992
607	1.94	0.065	0.37	0.80	130	813	65	13 085	-741.0	1 627.1	1981	1991-12 GPP
259	1.89	0.090	0.43	0.70	130	820	57	13 329	-755.4	1 710.3	1979	1998-10 GPP
64	3.50	0.120	0.35	0.80	78	821	50	13 011	-768.6	1 688.3	1983	1983-12
1 088	1.60	0.080	0.45	0.80	100	820	65	12 823	-739.5	1 650.2	1980	1991-12 GPP
256	1.60	0.080	0.46	0.80	100	818	65	12 809	-733.8	1 634.5	1980	1986-01 GPP
64	4.40	0.100	0.35	0.76	130	798	44	12 289	-780.6	1 723.2	1983	1984-04 ABAND 1986
192	0.68	0.070	0.31	0.80	83	822	63	11 838	-761.2	1 689.4	1984	1996-06 GPP
64	1.00	0.080	0.40	0.80	99	803	44	13 455	-759.0	1 670.2	1980	1995-11 ABAND 1995
256	2.14	0.060	0.30	0.80	74	821	63	11 612	-734.8	1 633.0	1985	1992-10
192	2.28	0.070	0.39	0.80	99	802	44	12 484	-790.3	1 728.6	1986	1994-11 GPP
32	1.40	0.090	0.22	0.78	99	817	68	10 849	-735.2	1 668.2	1988	1996-06
128	2.00	0.080	0.45	0.76	131	820	44	12 812	-737.9	1 644.0	1985	1990-11 GPP
128	1.57	0.103	0.36	0.80	80	828	48	13 254	-764.9	1 677.1	1985	1995-01 ABAND 1994
32	1.50	0.140	0.35	0.83	68	923	62	15 760	-920.8	1 832.0	1980	1980-11 ABAND 1985
32	3.70	0.140	0.22	0.80	90	868	65	16 053	-923.5	1 834.3	1985	1998-10 GPP
64	2.80	0.130	0.15	0.78	91	877	58	16 582	-955.8	1 824.5	1985	1989-12 ABAND 1994
64	1.90	0.140	0.17	0.76	90	850	66	14 342	-897.6	1 830.5	1988	1998-10 GPP
120	1.00	0.120	0.25	0.80	70	818	61	15 376	-1 000.1	1 942.7	1985	1992-10
64	1.10	0.090	0.40	0.80	80	865	58	14 868	-950.8	1 813.2	1985	1989-12
64	1.20	0.150	0.15	0.78	91	861	69	15 265	-1 024.4	1 976.2	1985	1986-08 GPP
64	2.80	0.110	0.24	0.78	91	907	69	14 762	-956.1	1 866.9	1986	1987-04 ABAND 1990
64	1.50	0.105	0.25	0.80	71	845	70	13 094	-952.2	1 891.8	1985	1991-12 ABAND 1991
32	1.30	0.120	0.22	0.80	76	861	74	15 302	-1 008.3	1 916.8	1981	1996-06
16	3.10	0.120	0.28	0.78	91	879	69	16 660	-929.2	1 862.2	1988	1996-06 GPP
64	2.00	0.080	0.28	0.79	91	891	69	15 145	-949.3	1 883.8	1988	1989-03 GPP
64	2.70	0.120	0.45	0.80	79	891	70	15 119	-946.7	1 848.8	1989	1990-03 ABAND 1990
16	2.40	0.110	0.24	0.89	45	875	35	15 214	-979.9	1 922.5	1985	1992-05 GPP
32	3.00	0.100	0.21	0.78	91	879	70			1 898.5	1996	1996-11
128	9.77	0.084	0.33	0.80	95	913	54	16 589	-955.2	1 837.0	1985	1989-08
64	5.30	0.167	0.40	0.79	87	810	48	8 289	-271.2	1 206.0	1982	1986-12 ABAND 1991
64	3.20	0.180	0.44	0.89	66	822	37	8 053	-274.6	1 183.3	1982	1983-06 ABAND 1985
343					39	839	41	9 752	-413.5	1 375.6	1987	1997-12
231	3.10	0.140	0.38	0.89								GPP
112	4.76	0.140	0.38	0.89								
1 447					52	844	56	19 158	-703.8	1 647.3	1962	1986-11
128	0.73	0.097	0.11	0.87								GPP
1 319	6.47	0.097	0.11	0.87								GPP
150	4.66	0.105	0.10	0.87	52	844	57	19 299	-722.9	1 678.3	1962	1991-12 GPP
312					52	844	57	19 262	-701.0	1 651.9	1963	1998-12

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
CYN-PEM 051-11W5 (CONTINUED)								
PRIMARY AREA	90.0	<0.05		4.0		4.0		
WATER FLOOD AREA	1 206.0	0.12	0.20	145.0		386.0		
CARDIUM D TOTAL	8 491.0			1 048.0	2 850.0	3 898.0	2 811.3	1 086.7
PRIMARY AREA	991.0	0.15		148.0		148.0		
WATER FLOOD AREA	7 500.0	0.12	0.38	900.0	2 850.0	3 750.0		
CARDIUM F	54.1	<0.01		0.2		0.2	0.2	
CARDIUM J	120.0	<0.02		2.1		2.1	2.1	
CARDIUM L	1 200.0	0.12	0.33	144.0	396.0	540.0	457.0	83.0
WATER FLOOD								
CARDIUM M	170.0	0.13		22.1		22.1	19.1	3.0
CARDIUM N	185.0	0.05		9.3		9.3	7.3	2.0
CARDIUM O GAS FLOOD	900.0	0.20	0.10	180.0	90.0	270.0	260.3	9.7
CARDIUM P	700.0	0.07		49.0		49.0	42.3	6.7
CARDIUM Q	54.2	<0.03		1.6		1.6	1.6	
CARDIUM R	24.6	<0.06		1.4		1.4	1.4	
CARDIUM T	339.0	0.02		6.8		6.8	5.2	1.6
CARDIUM U	72.6	0.20		14.5		14.5	13.0	1.5
CARDIUM V	84.4	<0.02		1.4		1.4	1.4	
CARDIUM W	247.0	0.10		24.7		24.7	3.0	21.7
VIKING A	310.0	<0.04		11.2		11.2	11.2	
OSTRACOD A	218.0	0.20		43.6		43.6	41.9	1.7
ELLERSLIE E	52.8	<0.07		3.6		3.6	3.6	
ROCK CREEK I	63.4	0.02		1.3		1.3	0.7	0.6
ROCK CREEK K	216.0	<0.01		0.1		0.1	0.1	
ROCK CREEK C & G	313.0	0.03		9.4		9.4	8.1	1.3
NISKU A WATER FLOOD	475.0	0.20	0.25	95.0	119.0	214.0	175.9	38.1
FIELD TOTAL	24 059.1			2 799.1	5 252.4	8 051.1	6 691.4	1 359.7
DAVEY 034-27W4								
BELLY RIVER B	3 284.0	0.10		328.0		328.0	188.7	139.3
BELLY RIVER F	857.0	0.05		42.9		42.9	26.5	16.4
BELLY RIVER G	168.0	0.05		8.4		8.4	8.0	0.4
ELLERSLIE B	52.7	<0.01		0.2		0.2	0.2	
ELLERSLIE A & PEKISKO E	7.5	<0.03		0.2		0.2	0.2	
PEKISKO A	3 110.0	0.06		187.0		187.0	179.5	7.5
PEKISKO C	183.0	0.05		9.2		9.2	3.9	5.3
D-2 A	112.0	<0.01		0.3		0.3	0.3	
D-2 B	278.0	<0.02		3.0		3.0	2.8	0.2
FIELD TOTAL	8 052.2			579.2		579.2	410.1	169.1
DAWSON 080-17W5								
BEAVERHILL LAKE B	184.0	<0.16		28.0		28.0	26.3	1.7
BEAVERHILL LAKE C	117.0	<0.16		18.5		18.5	18.5	
SLAVE POINT A	72.9	<0.04		2.5		2.5	2.5	
SLAVE POINT B	128.0	0.29		37.1		37.1	32.5	4.6
SLAVE POINT E	17.6	<0.07		1.2		1.2	1.2	
SLAVE POINT F	40.0	<0.23		9.1		9.1	9.1	
SLAVE POINT G	20.0	0.09		1.8		1.8	1.8	
SLAVE POINT H	1 397.0	0.07		97.8		97.8	77.3	20.5
SLAVE POINT I	94.6	0.12		11.4		11.4	9.5	1.9
SLAVE POINT J	530.0	0.15		79.5		79.5	49.6	29.9
SLAVE POINT K	673.0	0.04		26.9		26.9	23.1	3.8
SLAVE POINT L	51.5	<0.01		0.2		0.2	0.2	
SLAVE POINT M	400.0	0.45		180.0		180.0	153.7	26.3
SLAVE POINT N	888.0	0.40		355.0		355.0	160.7	194.3
SLAVE POINT O	46.8	0.20		9.4		9.4	5.5	3.9
SLAVE POINT P	205.0	<0.15		29.0		29.0	28.1	0.9
SLAVE POINT Q	175.0	0.30		52.5		52.5	37.5	15.0
SLAVE POINT R	197.0	0.07		13.8		13.8	8.5	5.3
SLAVE POINT S	643.0	0.20		129.0		129.0	20.4	108.6
SLAVE POINT T	138.0	0.20		27.6		27.6	8.3	19.3
SLAVE POINT U	69.8	0.50		34.9		34.9	27.3	7.6
SLAVE POINT Y	337.0	0.40		135.0		135.0	62.1	72.9
SLAVE POINT- GRANITE WASH A	515.0	0.20		103.0		103.0	88.8	14.2
GRANITE WASH A	115.0	<0.02		1.5		1.5	1.5	
GRANITE WASH C	130.0	<0.02		2.1		2.1	2.1	
GRANITE WASH D	477.0	<0.17		79.9		79.9	79.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
39	2.72	0.107	0.10	0.88								
273	5.07	0.110	0.10	0.88								
1 586					41	868	54	13 057	-641.0	1 558.7	1980	1997-12 GPP
256	4.60	0.110	0.14	0.89								
1 330	7.20	0.110	0.20	0.89								
64	1.20	0.100	0.20	0.88	52	878	56	10 903	-648.2	1 544.4	1982	1982-12 GPP
32	7.00	0.100	0.40	0.89	41	871	54	8 226	-610.4	1 512.8	1982	ABAND 1987
205	6.52	0.120	0.15	0.88	61	856	56	19 178	-679.4	1 645.1	1983	ABAND 1993
												GPP
50	7.70	0.064	0.20	0.86	53	845	36	10 238	-773.0	1 791.0	1983	1989-12 GPP
64	2.88	0.134	0.15	0.88	44	844	58	19 050	-769.8	1 750.7	1984	1998-10 GPP
255	4.86	0.102	0.20	0.89	45	844	52	10 158	-652.5	1 565.3	1982	1991-10 GPP
546	1.76	0.105	0.22	0.89	42	825	66	19 457	-805.1	1 808.3	1982	1996-05 GPP
64	1.72	0.070	0.20	0.88	44	860	58	10 323	-783.5	1 770.8	1985	1986-06 ABAND 1989
32	1.30	0.080	0.15	0.87	44	860	58	11 301	-675.8	1 605.2	1985	1996-06 ABAND 1993
64	6.00	0.130	0.20	0.85	54	834	64	10 589	-820.5	1 797.9	1980	1987-12 GPP
64	1.50	0.100	0.15	0.89	41	867	54	8 340	-630.5	1 569.1	1987	1993-12 GPP
64	2.65	0.065	0.11	0.86	78	835	57	8 802	-696.3	1 641.6	1981	1983-11 ABAND 1990
64	5.13	0.120	0.27	0.86	53	845	58	18 019	-778.3	1 735.6	1991	1996-08 GPP
128	3.95	0.140	0.46	0.81	79	845	61	13 410	-982.5	1 916.2	1986	1996-06 GPP
340	1.00	0.110	0.19	0.72	384	787	91	29 107	-1 410.3	2 382.2	1982	1995-01 GPP
16	6.04	0.120	0.35	0.70	168	814	63	16 605	-1 246.6	2 223.0	1979	1996-06 GPP
64	2.40	0.082	0.32	0.74	120	828	80	19 800	-1 233.7	2 202.7	1983	1993-12 GPP
64	6.38	0.089	0.30	0.85	120	853	80	16 630	-1 231.8	2 174.2	1985	1986-06 ABAND 1995
64	10.25	0.104	0.38	0.74	120	829	78	16 026	-1 218.0	2 182.3	1981	1985-12 GPP
64	13.88	0.090	0.10	0.66	151	806	90	26 625	-1 729.7	2 658.7	1978	1980-12 GPP
832	4.21	0.180	0.44	0.93	17	840	44	4 200	-223.9	1 215.9	1978	1995-12 GPP
192	5.43	0.170	0.48	0.93	17	841	44	4 379	-230.6	1 187.5	1978	1987-07 GPP
32	4.94	0.190	0.40	0.93	26	854	43	4 051	-223.2	1 206.5	1980	1993-02 GPP
16	4.30	0.140	0.27	0.75	98	854	71	13 233	-912.9	1 893.5	1994	1996-11 ABAND 1997
16	1.22	0.070	0.27	0.75	98	855	66	11 877	-979.0	1 942.8	1974	1996-06 GPP
768	11.21	0.066	0.27	0.75	98	855	66	12 598	-1 003.3	1 988.7	1958	1981-12 GPP
64	13.60	0.040	0.30	0.75	85	854	59	11 846	-993.9	1 990.7	1981	1984-12 GPP
65	9.75	0.034	0.20	0.65	177	825	66	21 802	-1 392.9	2 355.5	1974	1978-07 ABAND 1977
65	16.46	0.049	0.18	0.65	220	825	66	21 558	-1 366.3	2 341.8	1974	1995-09 GPP
32	5.49	0.160	0.15	0.77	99	834	64	19 899	-1 287.5	2 026.9	1973	1998-10 GPP
129	3.96	0.035	0.15	0.77	91	845	69	20 129	-1 320.1	2 048.9	1954	1975-12 ABAND 1985
64	2.80	0.066	0.23	0.80	72	839	67	19 611	-1 390.8	2 123.5	1984	1992-11 ABAND 1991
67	3.80	0.080	0.28	0.87	42	840	59	20 338	-1 314.9	1 994.1	1982	1997-12 GPP
64	0.88	0.060	0.40	0.87	42	837	53	18 533	-1 327.2	2 073.3	1983	1988-12 ABAND 1990
96	2.00	0.060	0.60	0.87	92	838	69	20 270	-1 329.8	2 081.5	1980	1988-12 ABAND 1990
32	1.71	0.060	0.30	0.87	45	842	48	19 818	-1 309.4	2 037.4	1986	1996-06 GPP
620	5.40	0.070	0.33	0.89	38	832	56	19 340	-1 226.9	1 932.8	1986	1994-12 GPP
32	8.40	0.057	0.29	0.87	38	832	56	20 008	-1 293.4	2 028.4	1986	1998-12 GPP
192	6.69	0.069	0.32	0.88	38	832	56	19 801	-1 246.6	1 978.4	1985	1990-07 GPP
64	12.30	0.108	0.10	0.88	39	825	54	19 562	-1 266.2	1 992.3	1988	1996-08 GPP
64	3.40	0.050	0.45	0.86	43	831	67	19 259	-1 314.2	2 002.3	1988	1988-11 ABAND 1990
64	8.40	0.094	0.10	0.88	38	832	56	19 180	-1 184.4	1 888.2	1989	1997-12 GPP
233	4.98	0.100	0.12	0.87	55	853	65	21 470	-1 383.1	2 075.7	1988	1998-03 GPP
32	4.01	0.061	0.32	0.88	39	835	54	21 448	-1 193.0	1 879.8	1985	1996-12 GPP
32	9.50	0.090	0.15	0.88	39	825	54	20 054	-1 301.7	1 998.8	1990	1998-10 GPP
138	2.34	0.075	0.18	0.88	38	825	56	19 804	-1 383.9	2 076.8	1996	1997-09 GPP
64	11.50	0.060	0.50	0.89	38	832	56		-1 223.9	1 931.7	1993	1997-07 GPP
64	12.00	0.100	0.08	0.91	27	826	68	18 766	-1 380.1	2 094.0	1996	1997-08 GPP
20	7.00	0.130	0.15	0.89	38	832	56	19 636	-1 381.4	2 064.5	1997	1997-11 GPP
50	2.10	0.090	0.17	0.89	38	832	56		-1 355.1	2 036.0	1997	1998-05 GPP
128	4.40	0.080	0.15	0.88	38	826	56		-1 361.1	2 034.5	1997	1998-05 GPP
218	3.50	0.100	0.25	0.90	53	839	60	20 731	-1 375.8	2 111.7	1982	1996-03 GPP
64	3.00	0.120	0.45	0.91	28	831	50	16 444	-1 344.4	2 094.0	1983	1986-02 ABAND 1990
64	3.10	0.100	0.25	0.87	38	840	72	19 885	-1 338.4	2 097.4	1981	1988-12 ABAND 1990
127	6.38	0.090	0.15	0.77	91	825	69	20 174	-1 318.1	2 072.8	1953	1994-11 ABAND 1993

TABLE 2-6

FIELD POOL	1 INITIAL VOLUME IN PLACE 10 ³ m ³	2 3 RECOVERY		4 5 6 INITIAL ESTABLISHED RESERVES			7 CUMULATIVE PRODUCTION 10 ³ m ³	8 REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
		frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³		
DAWSON 080-17W5 (CONTINUED) FIELD TOTAL	7 662.2			1 466.7		1 466.7	936.0	* 530.7
DEL BONITA 001-21W4 RUNDLE	397.0	0.32		127.0		127.0	122.4	4.6
FIELD TOTAL	397.0			127.0		127.0	122.4	4.6
DELIA 032-18W4 ELLERSLIE A	73.4	<0.03		1.6		1.6	1.6	
FIELD TOTAL	73.4			1.6		1.6	1.6	
DIMSDALE 071-07W6 CHARLIE LAKE A	200.0	0.20		40.0		40.0	35.2	4.8
HALFWAY A	45.7	<0.08		3.4		3.4	3.4	
HALFWAY B	82.1	0.25		20.5		20.5	15.5	5.0
FIELD TOTAL	327.8			63.9		63.9	54.1	9.8
DOE 081-12W6 BOUNDARY B	45.5	0.05		2.3		2.3	1.0	1.3
DOIG A	300.0	0.20		60.0		60.0	50.9	9.1
DOIG C	100.0	0.15		15.0		15.0	11.1	3.9
DOIG D	220.0	0.15		33.0		33.0	12.4	20.6
FIELD TOTAL	665.5			110.3		110.3	75.4	34.9
DONALDA 043-19W4 VIKING I	282.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE F	172.0	<0.15		24.9		24.9	24.9	
UPPER MANNVILLE O	134.0	<0.02		2.0		2.0	0.9	1.1
FIELD TOTAL	588.0			27.1		27.1	26.0	1.1
DOWLING LAKE 032-15W4 UPPER MANNVILLE A	116.0	<0.02		1.8		1.8	1.8	
LOWER MANNVILLE B	72.1	<0.01		0.1		0.1	0.1	
BANFF A	13.9	<0.01		0.1		0.1	0.1	
FIELD TOTAL	202.0			2.0		2.0	2.0	
DRIFTPILE 073-11W5 SLAVE POINT A	40.5	<0.08		3.0		3.0	3.0	
GILWOOD A	99.6	<0.13		12.3		12.3	12.3	
FIELD TOTAL	140.1			15.3		15.3	15.3	
DRUMHELLER 029-19W4 MANNVILLE A	291.0	<0.04		10.0		10.0	10.0	
MANNVILLE F	450.0	0.02		9.0		9.0	5.9	3.1
MANNVILLE I	5 521.0	0.05		276.0		276.0	196.4	79.6
MANNVILLE K	228.0	<0.01		0.2		0.2	0.2	
MANNVILLE L	265.0	<0.01		0.1		0.1	0.1	
MANNVILLE T	158.0	<0.02		2.7		2.7	2.7	
MANNVILLE Y	265.0	<0.01		0.1		0.1	0.1	
MANNVILLE Z	177.0	0.10		17.7		17.7	8.7	9.0
MANNVILLE AA	143.0	<0.01		0.2		0.2	0.2	
MANNVILLE BB	267.0	<0.01		0.2		0.2	0.2	
MANNVILLE DD	1 246.0	0.03		37.4		37.4	31.9	5.5
MANNVILLE FF	305.0	<0.01		1.2		1.2	1.2	
MANNVILLE JJ	58.2	<0.06		3.2		3.2	3.2	
MANNVILLE KK	213.0	0.10		21.3		21.3	2.0	19.3
UPPER MANNVILLE A	524.0	0.20		105.0		105.0	98.9	6.1
UPPER MANNVILLE C	253.0	0.10		25.3		25.3	18.4	6.9
UPPER MANNVILLE D	36.9	<0.02		0.7		0.7	0.7	
UPPER MANNVILLE I	3.7	<0.03		0.1		0.1	0.1	
UPPER MANNVILLE K	110.0	<0.02		1.4		1.4	1.4	
UPPER MANNVILLE Y	198.0	0.20		39.6		39.6	9.0	30.6
UPPER MANNVILLE Z	37.5	0.20		7.5		7.5	2.1	5.4
UPPER MANNVILLE G & LOWER MANNVILLE I	155.0	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
228	7.92	0.050	0.45	0.80	62	839	44	8 798	-325.7	1 641.7	1936	1997-12 GPP
64	1.50	0.180	0.50	0.85	25	866	39	9 404	-477.4	1 327.8	1982	1989-12 GPP
128	1.45	0.170	0.13	0.73	115	820	77	21 574	-1 356.7	2 031.7	1986	1996-12 GPP
16	6.80	0.084	0.35	0.77	108	820	78	21 994	-1 455.0	2 148.8	1980	1996-06 GPP
64	4.50	0.073	0.45	0.71	120	821	65	21 834	-1 430.6	2 180.6	1980	1998-12 GPP
64	1.10	0.110	0.30	0.84	62	837	53			1 425.5	1997	1998-04 GPP
251	2.25	0.100	0.30	0.76	92	832	72	15 031	-948.7	1 576.2	1986	1996-07 GPP
63	2.49	0.120	0.30	0.76	92	832	72	15 031	-944.5	1 577.5	1986	1996-07 GPP
64	5.40	0.110	0.24	0.76	92	832	72	14 809	-948.0	1 580.0	1994	1996-07 GPP
64	4.30	0.190	0.40	0.90	30	856	43	5 780	-246.3	1 014.4	1971	1992-10 ABAND 1997
128	1.02	0.210	0.32	0.92	30	856	32	8 128	-415.0	1 184.5	1986	1997-07 ABAND 1997
16	7.00	0.200	0.32	0.88	57	834	32		-456.6	1 253.8	1997	1998-04 GPP
16	6.50	0.180	0.27	0.85	59	852	37	8 808	-371.1	1 182.4	1986	1996-12 GPP
64	2.10	0.100	0.39	0.88	53	892	35	8 824	-399.2	1 239.9	1987	1988-01 ABAND 1987
16	4.70	0.035	0.38	0.85	50	880	37	8 030	-425.9	1 249.4	1987	1992-09 ABAND 1992
16	7.30	0.070	0.45	0.90	31	843	49	18 909	-1 340.7	1 924.5	1985	1996-06 GPP
64	2.30	0.150	0.45	0.82	66	854	49	20 977	-1 364.4	1 948.2	1985	1996-06 GPP
85	4.07	0.150	0.30	0.80	59	865	49	10 240	-526.3	1 359.3	1950	1994-11 ABAND 1990
71	3.96	0.252	0.28	0.88	44	855	47	10 287	-458.7	1 283.0	1960	1985-07 GPP
1 169	8.20	0.150	0.52	0.80	44	855	54	9 423	-475.0	1 294.5	1959	1998-05 GPP
64	4.60	0.140	0.35	0.85	62	849	54	10 185	-487.7	1 305.2	1968	1979-11 ABAND 1982
65	4.27	0.200	0.40	0.80	71	855	56	12 069	-840.9	1 670.0	1969	1970-08 ABAND 1971
65	1.83	0.200	0.23	0.86	50	887	46	10 323	-537.8	1 364.1	1975	1996-06 GPP
64	7.00	0.100	0.35	0.91	28	887	54	7 175	-442.9	1 250.4	1978	1979-02 ABAND 1979
128	1.30	0.220	0.43	0.85	60	858	46	10 334	-464.7	1 253.8	1978	1984-06 GPP
16	15.90	0.120	0.45	0.85	54	885	46	7 157	-494.6	1 321.4	1979	1992-11 ABAND 1993
64	6.30	0.130	0.40	0.85	62	871	47	9 900	-498.2	1 324.3	1980	1983-12 ABAND 1992
128	15.90	0.140	0.46	0.81	78	825	47	9 589	-471.8	1 165.4	1980	1984-04 GPP
64	4.50	0.210	0.37	0.80	78	877	41	9 328	-501.0	1 324.3	1980	1987-12 ABAND 1989
16	10.80	0.090	0.56	0.85	59	860	47	9 304	-480.8	1 293.7	1988	1996-06 GPP
64	2.20	0.220	0.26	0.93	48	858	47		-524.7	1 350.9	1997	1998-03 GPP
128	3.71	0.206	0.33	0.80	62	855	46	9 525	-500.1	1 273.2	1961	1989-12 GPP
64	4.70	0.210	0.50	0.80	79	869	50	9 583	-509.7	1 309.0	1982	1982-09 GPP
64	1.00	0.160	0.55	0.80	87	869	40	9 295	-472.3	1 288.2	1979	1993-01 ABAND 1992
16	2.30	0.070	0.82	0.80	60	885	46	9 907	-513.2	1 355.2	1985	1996-06 GPP
64	2.40	0.180	0.53	0.85	80	850	40	9 902	-511.0	1 323.8	1987	1992-10 ABAND 1992
64	3.00	0.190	0.32	0.80	60	862	44	9 810	-505.8	1 338.5	1995	1996-07 GPP
64	0.50	0.220	0.29	0.75	120	847	52	7 417	-499.1	1 339.1	1995	1996-10 GPP
64	6.41	0.110	0.57	0.80	80	879	44	8 449	-469.5	1 313.0	1982	1989-12 ABAND 1991

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
DRUMHELLER 029-19W4 (CONTINUED)								
LOWER MANNVILLE G	367.0	<0.01		0.3		0.3	0.3	*
LOWER MANNVILLE H	380.0	<0.02		7.5		7.5	6.9	0.6
LOWER MANNVILLE I	90.8	0.06		5.4		5.4	5.1	0.3
LOWER MANNVILLE M	237.0	0.05		11.9		11.9	7.4	4.5
LOWER MANNVILLE O	155.0	0.10		15.5		15.5	9.6	5.9
LOWER MANNVILLE P	236.0	0.03		7.1		7.1	2.9	4.2
LOWER MANNVILLE S	118.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE U	85.2	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE BB	53.7	0.05		2.7		2.7	0.1	2.6
BANFF B	71.4	<0.01		0.1		0.1	0.1	
BANFF C	130.0	<0.01		1.1		1.1	1.1	
D-2 A	3 000.0	0.65		1 950.0		1 950.0	1 902.9	47.1
D-2 B	6 292.0	0.45		2 831.0		2 831.0	2 578.6	252.4
D-2 C	700.0	0.60		420.0		420.0	276.1	143.9
FIELD TOTAL	22 821.4			5 812.0		5 812.0	5 185.0	627.0
DUHAMEL 045-21W4								
BASAL QUARTZ I	91.3	0.20		18.3		18.3	6.4	11.9
BASAL QUARTZ J	35.9	0.10		3.6		3.6	0.1	3.5
BASAL QUARTZ K	77.4	0.10		7.7		7.7	1.4	6.3
BASAL QUARTZ M	124.0	0.15		18.6		18.6	8.8	9.8
BASAL QUARTZ N	220.0	0.10		22.0		22.0	12.0	10.0
WABAMUN A	48.3	<0.08		3.5		3.5	3.5	
D-2 A	2 200.0	0.55		1 210.0		1 210.0	1 156.4	53.6
D-3 A	191.0	<0.10		18.3		18.3	18.3	
D-3 B WATER FLOOD	2 240.0	0.50	0.16	1 120.0	358.0	1 478.0	1 470.9	7.1
FIELD TOTAL	5 227.9			2 422.0	358.0	2 780.0	2 677.8	102.2
DUNVEGAN 079-02W6								
CHARLIE LAKE A	249.0	0.15		37.4		37.4	12.6	24.8
DEBOLT R	44.3	<0.01		0.1		0.1	0.1	
DEBOLT T	111.0	<0.03		3.1		3.1	3.1	
DEBOLT BB	1 428.0	0.10		143.0		143.0	61.6	81.4
DEBOLT A,B,C,D & ELKTON C	65.8	0.10		6.6		6.6	2.5	4.1
FIELD TOTAL	1 898.1			190.2		190.2	79.9	110.3
EAGLESHAM 077-25W5								
D-1 A	217.0	0.40		86.8		86.8	80.3	6.5
D-1 B	252.0	<0.12		28.2		28.2	28.2	
D-1 C	156.0	<0.07		9.7		9.7	9.7	
D-1 D	159.0	<0.02		2.1		2.1	2.1	
D-1 E	44.5	<0.02		0.6		0.6	0.6	
D-1 F	88.6	<0.01		0.6		0.6	0.6	
D-1 G	32.4	<0.01		0.2		0.2	0.2	
D-1 H	247.0	<0.01		1.1		1.1	1.1	
D-3 A	734.0	0.40		294.0		294.0	287.1	6.9
FIELD TOTAL	1 930.5			423.3		423.3	409.9	13.4
EAGLESHAM NORTH 078-25W5								
D-1 A	127.0	<0.19		23.1		23.1	23.1	
D-1 B	225.0	<0.05		11.1		11.1	11.1	
D-1 C	488.0	<0.10		44.1		44.1	44.1	
D-1 D	84.1	<0.09		7.0		7.0	7.0	
D-1 E	503.0	<0.09		43.9		43.9	43.9	
D-1 F	597.0	0.10		59.7		59.7	48.8	10.9
D-1 G	595.0	0.14		83.3		83.3	71.4	11.9
D-1 H	369.0	0.10		36.9		36.9	27.6	9.3
D-1 I	320.0	<0.06		18.1		18.1	18.1	
D-1 J	118.0	<0.18		20.4		20.4	20.4	
D-1 K	275.0	<0.06		16.0		16.0	16.0	
D-1 L	654.0	<0.03		15.0		15.0	15.0	
D-1 M	683.0	0.13		88.8		88.8	80.7	8.1
D-1 N	198.0	0.15		29.7		29.7	21.5	8.2
D-1 O	283.0	0.05		14.2		14.2	12.4	1.8
D-1 P	181.0	<0.05		7.3		7.3	7.3	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	8.00	0.110	0.26	0.88	43	887	43	9 850	-479.7	1 306.0	1984	1984-03 ABAND 1990
126	4.76	0.150	0.52	0.88	43	879	43	9 586	-463.2	1 258.5	1981	1998-10 GPP
32	5.30	0.140	0.55	0.85	58	855	44	9 413	-448.1	1 256.0	1984	1998-10 GPP
32	10.00	0.140	0.40	0.88	52	850	43	8 523	-476.9	1 255.0	1980	1992-08 GPP
64	3.10	0.160	0.39	0.80	86	887	45	8 199	-484.1	1 256.5	1988	1989-02 GPP
32	12.90	0.140	0.53	0.87	42	888	70	9 467	-441.2	1 255.4	1988	1998-10 GPP
32	3.20	0.210	0.37	0.87	48	878	46	9 696	-475.7	1 263.7	1989	1991-07 ABAND 1990
16	3.50	0.260	0.35	0.90	37	821	50	3 349	-440.3	1 257.2	1989	1996-06 GPP
16	6.50	0.140	0.55	0.82	70	869	47		-477.4	1 305.8	1997	1997-12 GPP
64	2.80	0.070	0.33	0.85	50	876	50	8 903	-492.7	1 321.4	1979	1983-12 ABAND 1980
64	2.20	0.150	0.30	0.88	50	877	43	9 786	-497.7	1 270.1	1988	1992-10 GPP
677	7.66	0.083	0.17	0.84	66	860	55	13 200	-830.9	1 650.4	1951	1993-04 GPP
1 200	9.30	0.080	0.13	0.81	70	855	54	13 262	-845.2	1 617.4	1961	1998-05 GPP
144	5.47	0.120	0.12	0.84	66	858	55	13 000	-835.0	1 625.2	1981	1998-01 GPP
16	5.90	0.150	0.25	0.86	75	838	18	9 882	-564.9	1 323.2	1951	1996-02 GPP
16	3.00	0.160	0.45	0.85	66	823	45	10 092	-559.1	1 311.5	1995	1996-05 GPP
16	3.00	0.250	0.25	0.86	75	838	18	10 094	-561.8	1 309.8	1951	1996-07 GPP
32	3.28	0.230	0.41	0.87	55	852	52	9 348	-554.4	1 310.8	1995	1997-12 GPP
32	7.73	0.160	0.33	0.83	73	825	51		-551.9	1 301.7	1951	1998-07 GPP
65	1.22	0.100	0.30	0.87	44	844	71	10 229	-626.4	1 374.7	1952	1967-02 ABAND 1978
539	10.73	0.058	0.20	0.82	68	844	54	10 584	-624.2	1 375.6	1950	1991-12 GPP
272	4.48	0.028	0.30	0.80	79	844	57	10 615	-719.9	1 472.1	1956	1964-04 ABAND 1969
212	20.52	0.073	0.14	0.82	79	844	56	13 111	-709.2	1 459.5	1950	1993-12 GPP
64	2.50	0.250	0.17	0.75	116	805	38	10 482	-455.9	1 057.0	1994	1994-12 GPP
16	2.82	0.195	0.28	0.70	131	856	45	10 133	-921.4	1 498.8	1988	1996-06 GPP
64	2.00	0.180	0.40	0.80	72	857	61	9 408	-829.3	1 458.9	1983	1990-12 ABAND 1990
100	11.30	0.200	0.21	0.80	99	857	45	15 541	-933.8	1 528.3	1995	1997-09 GPP
16	4.54	0.210	0.46	0.80	76	853	52			2 021.0	1997	1998-09 GPP
64	23.00	0.040	0.45	0.67	167	826	64	22 051	-1 476.0	2 047.3	1980	1995-12 GPP
32	19.60	0.080	0.25	0.67	163	835	64	21 851	-1 479.6	2 047.5	1981	1995-06 ABAND 1995
16	42.30	0.040	0.14	0.67	163	840	64	22 151	-1 489.2	2 065.1	1985	1994-11 GPP
16	84.00	0.019	0.17	0.75	163	849	64	22 335	-1 516.7	2 092.0	1985	1990-12 ABAND 1988
16	19.80	0.030	0.30	0.67	163	832	64	22 230	-1 516.8	2 089.5	1988	1994-11 GPP
16	31.20	0.030	0.27	0.81	57	852	69	22 127	-1 520.7	2 093.2	1988	1994-11 GPP
32	6.21	0.030	0.19	0.67	163	832	64	21 464	-1 494.0	2 086.5	1989	1994-11 ABAND 1995
16	48.63	0.060	0.21	0.67	163	832	64	22 177	-1 502.2	2 089.0	1989	1992-06 ABAND 1992
191	10.33	0.062	0.13	0.69	154	820	74	25 085	-1 740.6	2 306.9	1959	1978-12 GPP
32	14.10	0.053	0.32	0.78	111	841	60	20 579	-1 382.1	1 953.1	1987	1992-07 ABAND 1992
32	24.30	0.051	0.30	0.81	77	833	60	21 362	-1 437.6	1 996.8	1988	1992-08 ABAND 1992
32	54.00	0.042	0.19	0.83	62	833	61	19 978	-1 334.0	1 899.6	1988	1996-06 GPP
32	8.00	0.060	0.34	0.83	61	849	61	20 937	-1 412.2	1 970.5	1989	1990-12 ABAND 1991
16	107.40	0.043	0.18	0.83	62	848	61	20 434	-1 347.0	1 911.1	1989	1994-11 GPP
16	77.40	0.070	0.17	0.83	62	849	61	20 269	-1 347.0	1 914.6	1989	1994-11 GPP
16	93.30	0.060	0.20	0.83	62	849	61	20 699	-1 394.1	1 959.3	1989	1996-08 GPP
16	48.00	0.080	0.25	0.80	76	844	60	20 382	-1 387.2	1 953.0	1989	1993-12 GPP
16	58.80	0.050	0.18	0.83	111	849	60	19 910	-1 324.7	1 890.0	1989	1994-11 ABAND 1993
32	20.00	0.030	0.26	0.83	111	849	60	19 760	-1 336.2	1 898.6	1989	1993-06 ABAND 1993
16	38.40	0.070	0.23	0.83	62	849	61	21 209	-1 416.4	1 989.0	1989	1994-11 ABAND 1997
32	56.62	0.050	0.13	0.83	62	849	61	20 488	-1 397.2	1 964.2	1989	1994-11 GPP
32	61.20	0.050	0.16	0.83	62	849	61	21 026	-1 411.1	1 983.0	1989	1994-12 GPP
16	72.80	0.027	0.24	0.83	62	849	61	20 404	-1 396.6	1 967.0	1989	1993-12 GPP
16	99.00	0.029	0.22	0.79	99	852	57	21 427	-1 443.0	2 010.4	1989	1994-11 GPP
16	77.40	0.026	0.29	0.79	99	852	57	20 477	-1 425.7	1 990.5	1989	1992-04 ABAND 1992

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
EAGLESHAM NORTH 078-25W5 (CONTINUED)								
D-1 Q	210.0	<0.03		4.7		4.7	4.7	*
D-1 R	86.3	<0.05		3.6		3.6	3.6	
D-1 S	102.0	0.35		35.7		35.7	22.4	13.3
D-1 T	115.0	<0.06		6.2		6.2	6.2	
D-1 U	181.0	<0.01		0.2		0.2	0.2	
D-1 V	39.4	<0.15		5.8		5.8	5.8	
D-1 W	71.4	<0.06		4.2		4.2	4.2	
D-1 X	136.0	<0.04		5.4		5.4	5.4	
FIELD TOTAL	6 641.2			584.4		584.4	520.9	63.5
EARRING 083-08W6								
CHARLIE LAKE A	272.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE B	364.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	636.0			0.3		0.3	0.3	
EDSON 052-17W5								
CARDIUM A	84.9	<0.11		9.3		9.3	9.3	
CARDIUM B TOTAL	3 583.0			364.0	99.3	463.0	438.0	25.0
PRIMARY AREA	273.0	0.12		32.8		32.8		
WATER FLOOD AREA	3 310.0	0.10	0.03	331.0	99.3	430.0		
CARDIUM E	236.0	0.08		18.9		18.9	6.4	12.5
CARDIUM J	500.0	0.10		50.0		50.0	40.6	9.4
CARDIUM T	150.0	<0.05		7.3		7.3	7.3	
CARDIUM U	80.9	<0.13		10.1		10.1	9.8	0.3
CARDIUM EE	55.9	0.12		6.7		6.7	6.4	0.3
CARDIUM II	99.1	<0.05		4.1		4.1	4.1	
CARDIUM JJ	250.0	0.10		25.0		25.0	15.5	9.5
CARDIUM KK	105.0	0.17		17.9		17.9	15.7	2.2
CARDIUM SS	27.3	<0.05		1.2		1.2	1.2	
CARDIUM TT	45.1	0.20		9.0		9.0	3.6	5.4
CARDIUM UU	26.6	0.13		3.5		3.5	3.3	0.2
CARDIUM VV	66.8	0.17		11.4		11.4	9.8	1.6
CARDIUM XX	62.1	<0.02		1.0		1.0	1.0	
CARDIUM CC & WW	237.0	0.10		23.7		23.7	15.4	8.3
CARDIUM RR & ZZ	1 250.0	0.09		113.0		113.0	105.5	7.5
CARDIUM CCC	168.0	<0.01		0.2		0.2	0.2	
CARDIUM DDD	49.0	0.10		4.9		4.9	3.8	1.1
CARDIUM EEE	148.0	0.05		7.4		7.4	1.0	6.4
CARDIUM JJJ	161.0	<0.03		4.5		4.5	4.5	
CARDIUM KKK	78.3	0.10		7.8		7.8	2.4	5.4
CARDIUM & BLUESKY MU #1	8 264.0	0.06		496.0		496.0	462.3	33.7
SECOND WHITE SPECKS A	349.0	0.10		34.9		34.9	22.7	12.2
SECOND WHITE SPECKS B	244.0	0.10		24.4		24.4	7.7	16.7
SECOND WHITE SPECKS C	236.0	0.20		47.2		47.2	38.3	8.9
SECOND WHITE SPECKS D	49.9	0.10		5.0		5.0	0.3	4.7
SECOND WHITE SPECKS E	238.0	0.05		11.9		11.9	2.2	9.7
SECOND WHITE SPECKS F	54.6	0.10		5.5		5.5	2.2	3.3
SECOND WHITE SPECKS G	68.0	0.10		6.8		6.8	2.3	4.5
CADOMIN A	108.0	<0.01		0.5		0.5	0.5	
ROCK CREEK B	68.7	<0.02		0.8		0.8	0.8	
FIELD TOTAL	17 144.2			1 333.9	99.3	1 432.9	1 244.1	188.8
ELLERSLIE 051-24W4								
BLAIRMORE A	79.3	<0.11		8.1		8.1	8.1	
BLAIRMORE B	186.0	<0.32		59.2		59.2	59.2	
FIELD TOTAL	265.3			67.3		67.3	67.3	
ELMWORTH 070-11W6								
DOE CREEK B	3 525.0	0.10		353.0		353.0	193.6	159.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	38.10	0.056	0.26	0.83	62	849	61	20 547	-1 416.0	1 984.5	1990	1991-09 ABAND 1992
16	15.60	0.057	0.27	0.83	62	849	61	19 341	-1 341.9	1 907.8	1990	1994-11 GPP
64	8.10	0.030	0.21	0.83	62	849	61	19 796	-1 313.5	1 878.8	1990	1990-08 GPP
32	18.30	0.030	0.21	0.83	62	849	61	19 747	-1 321.7	1 887.2	1990	1994-11 ABAND 1994
32	97.40	0.010	0.30	0.83	62	849	61	19 719	-1 332.5	1 897.7	1990	1994-11 ABAND 1994
32	4.50	0.050	0.34	0.83	62	849	61	18 183	-1 374.1	1 937.5	1990	1994-11 GPP
16	12.80	0.050	0.16	0.83	62	849	61	19 860	-1 315.0	1 880.4	1991	1996-04 ABAND 1995
32	13.50	0.050	0.24	0.83	62	849	61	18 098	-1 361.7	1 928.8	1992	1993-04 ABAND 1993
64	6.50	0.110	0.30	0.85	60	917	48	10 538	-468.1	1 145.4	1987	1988-04 ABAND 1989
64	8.60	0.140	0.41	0.80	84	880	43	10 716	-496.0	1 163.0	1988	1988-07 ABAND 1989
65	1.52	0.130	0.13	0.76	104	825	61	22 056	-889.6	1 787.2	1963	1995-03 ABAND 1994
2 397	3.35	0.101	0.17	0.76	104	825	61	22 246	-926.5	1 844.8	1963	1990-12 GPP
128	1.79	0.110	0.18	0.76	103	825	60	20 039	-917.8	1 921.5	1974	1984-09 GPP
2 269	1.50	0.100	0.15	0.76	180	802	55	20 855	-966.4	1 900.5	1978	1981-12 GPP
192	2.00	0.150	0.15	0.61	200	800	53	20 760	-949.8	1 909.7	1981	1996-01 ABAND 1995
516	2.00	0.120	0.15	0.62	185	800	63	19 460	-985.0	1 899.5	1981	1997-12 GPP
97	2.40	0.069	0.15	0.62	190	813	69	21 850	-1 039.2	2 002.1	1982	1994-12 GPP
64	2.70	0.090	0.15	0.75	104	825	63	19 506	-946.1	1 905.9	1981	1996-01 ABAND 1995
221	2.00	0.095	0.15	0.70	104	800	64	22 834	-1 018.9	1 940.2	1980	1983-12 GPP
64	1.90	0.150	0.07	0.62	195	800	65	19 817	-983.6	1 900.4	1982	1987-12 GPP
16	3.00	0.110	0.18	0.63	189	819	64	19 991	-911.3	1 918.8	1983	1996-06 GPP
64	0.85	0.150	0.15	0.65	186	824	65	21 553	-1 005.5	1 917.2	1983	1987-12 GPP
64	0.79	0.100	0.15	0.62	186	824	65	21 213	-1 038.6	1 981.6	1981	1997-12 GPP
88	1.20	0.120	0.15	0.62	189	815	64	17 907	-950.5	1 934.4	1963	1995-12 GPP
64	1.30	0.130	0.18	0.70	153	821	64	19 984	-910.2	1 865.4	1984	1991-10 ABAND 1989
512	0.88	0.100	0.26	0.71	122	809	63	21 660	-917.2	1 933.1	1974	1984-10 GPP
1 800	1.42	0.100	0.27	0.67	189	817	64	24 191	-941.8	1 894.4	1977	1996-08 GPP
64	3.00	0.160	0.24	0.72	142	829	67	23 059	-825.9	1 749.3	1982	1988-12 GPP
64	2.00	0.060	0.15	0.75	104	826	63	22 603	-1 071.5	2 123.3	1983	1983-08 GPP
64	3.00	0.122	0.28	0.88	204	825	64	21 732	-978.1	1 934.9	1972	1989-05 GPP
64	3.05	0.120	0.14	0.80	105	802	62	21 654	-955.3	1 932.2	1962	1993-07 ABAND 1978
64	2.21	0.090	0.18	0.75	104	869	63	12 853	-1 081.7	2 148.6	1984	1996-05 GPP
3 640	4.57	0.100	0.28	0.69	220	813	83	23 869	-1 052.9	2 037.4	1962	1995-11 GPP
64	4.60	0.220	0.24	0.71	120	800	65	25 368	-1 180.8	2 101.3	1981	1983-02 GPP
64	12.10	0.050	0.10	0.70	130	825	72	23 915	-1 122.2	2 042.0	1987	1992-04 GPP
96	2.85	0.120	0.10	0.80	165	812	80	24 403	-1 311.7	2 246.3	1991	1998-10 GPP
64	2.00	0.080	0.25	0.65	181	806	62			1 966.9	1996	1998-02 GPP
64	9.10	0.080	0.25	0.68	161	837	65		-1 203.1	2 119.3	1964	1998-02 GPP
32	3.50	0.070	0.20	0.87	48	817	64			1 952.3	1997	1998-10 GPP
64	2.00	0.080	0.20	0.83	66	774	67			1 904.0	1997	1998-07
64	2.00	0.150	0.20	0.70	140	800	97	27 461	-1 689.7	2 708.0	1981	1982-04
16	8.72	0.090	0.27	0.75	140	840	86	19 096	-1 436.6	2 382.7	1992	1996-06 GPP
83	0.91	0.200	0.30	0.75	46	876	47	8 618	-509.5	1 191.9	1950	1971-05 ABAND 1970
135	1.43	0.173	0.36	0.87	46	876	47	8 597	-506.4	1 184.9	1951	1974-04 ABAND 1974
2 008	1.50	0.190	0.30	0.88	80	833	40	10 377	-463.9	1 130.9	1985	1998-06

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ELMWORTH 070-11W6 (CONTINUED)								
DDE CREEK G	70.8	0.05		3.5		3.5	0.1	3.4
DUNVEGAN B	3 381.0	0.02		67.6		67.6	7.8	59.8
CADOTTE H	225.0	0.10		22.5		22.5	3.3	19.2
CHARLIE LAKE A	3 200.0	0.15		480.0		480.0	354.2	125.8
CHARLIE LAKE B	114.0	0.10		11.4		11.4	3.2	8.2
FIELD TOTAL	10 515.8			938.0		938.0	562.2	375.8
ELNORA 035-23W4								
UPPER MANNVILLE E	200.0	0.10		20.0		20.0	17.9	2.1
UPPER MANNVILLE L	300.0	0.20		60.0		60.0	43.5	16.5
UPPER MANNVILLE N	47.8	<0.04		1.9		1.9	1.9	
LOWER MANNVILLE B	71.3	<0.02		1.0		1.0	1.0	
LOWER MANNVILLE D	26.7	<0.02		0.4		0.4	0.4	
NISKU A	365.0	0.20		73.0		73.0	12.3	60.7
FIELD TOTAL	1 010.8			156.3		156.3	77.0	79.3
ENCHANT 012-16W4								
UMNV BBB & LIVINGSTONE C	227.0	0.10		22.7		22.7	16.8	5.9
SUNBURST J	115.0	0.10		11.5		11.5	0.3	11.2
SUNBURST L	122.0	0.05		6.1		6.1	0.7	5.4
SUNBURST M	53.4	0.10		5.3		5.3	0.6	4.7
DETRITAL- LIVINGSTONE A	500.0	0.20		100.0		100.0	76.3	23.7
ELLIS V TOTAL	605.0			100.0	81.0	181.0	118.1	62.9
PRIMARY AREA	64.8	0.30		19.4		19.4		
WATER FLOOD AREA	540.0	0.15	0.15	81.0	81.0	162.0		
ELLIS BB	21.0	<0.03		0.6		0.6	0.6	
LIVINGSTONE B	56.7	<0.07		3.6		3.6	3.6	
LIVINGSTONE D	48.9	<0.01		0.3		0.3	0.3	
LIVINGSTONE I	59.3	0.10		5.9		5.9	1.5	4.4
ARCS C	177.0	0.05		8.9		8.9	6.6	2.3
ARCS D	168.0	0.20		33.6		33.6	27.1	6.5
ARCS E	354.0	0.10		35.4		35.4	26.7	8.7
ARCS I	1 054.0	0.07		73.8		73.8	48.6	25.2
ARCS S	306.0	0.20		61.2		61.2	29.1	32.1
ARCS T	303.0	0.05		15.2		15.2	6.8	8.4
ARCS DD	94.5	0.05		4.7		4.7	2.4	2.3
ARCS LL	455.0	0.08		36.4		36.4	32.5	3.9
ARCS OO	398.0	0.20		79.6		79.6	50.0	29.6
ARCS F & G WATER FLOOD	3 623.0	0.16	0.09	580.0	330.0	910.0	390.4	519.6
ARCS P & R TOTAL	2 016.0			303.0	173.0	476.0	131.5	344.5
PRIMARY AREA	284.0	0.15		42.6		42.6		
WATER FLOOD AREA	1 732.0	0.15	0.10	260.0	173.0	433.0		
ARCS K & V	610.0	0.15		91.5		91.5	72.0	19.5
ARCS M & AA	510.0	0.15		76.5		76.5	41.5	35.0
ARCS L & BB	303.0	0.07		21.2		21.2	14.6	6.6
ARCS Y & Z WATER FLOOD	700.0	0.20	0.08	140.0	56.0	196.0	137.8	58.2
ARCS CC & EE	1 116.0	0.14		156.0		156.0	102.0	54.0
ARCS FF & GG TOTAL	6 900.0			885.0	540.0	1 425.0	260.3	1 164.7
PRIMARY AREA	1 500.0	0.05		75.0		75.0		
WATER FLOOD AREA	5 400.0	0.15	0.10	810.0	540.0	1 350.0		
ARCS AAA	2 512.0	0.15		377.0		377.0	157.7	219.3
ARCS JJJ	94.7	<0.06		5.2		5.2	5.2	
ARCS KKK	30.6	0.10		3.1		3.1	1.0	2.1
ARCS LLL	158.0	0.05		7.9		7.9	0.2	7.7
ARCS MMM	138.0	0.15		20.7		20.7	0.7	20.0
ARCS NNN	34.3	0.10		3.4		3.4	0.2	3.2
ARCS MM & NN WATER FLOOD	596.0	0.20	0.10	119.0	59.6	179.0	152.7	26.3
ARCS N & O	207.0	0.25		51.8		51.8	39.5	12.3
ARCS RR & SS	158.0	0.15		23.7		23.7	11.3	12.4
ARCS TT & UU	2 246.0	0.15		337.0		337.0	104.7	232.3
ARCS J & VV TOTAL	6 866.0			1 030.0	636.0	1 666.0	695.2	970.8
PRIMARY AREA	2 627.0	0.15		394.0		394.0		
WATER FLOOD AREA	4 239.0	0.15	0.15	636.0	636.0	1 272.0		
ARCS KK & FFF	531.0	0.03		15.9		15.9	9.3	6.6

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	1.70	0.220	0.35	0.91	40	833	40			1 157.2	1997	1997-12 GPP
1 170	3.32	0.170	0.36	0.80	88	816	50	7 366	-606.0	1 298.1	1988	1996-08 GPP
64	8.00	0.100	0.43	0.77	100	831	63	14 636	-1 018.4	1 715.7	1986	1997-09 GPP
858	5.94	0.100	0.14	0.73	114	820	85	32 142	-1 701.5	2 402.3	1979	1997-11
64	3.40	0.110	0.32	0.70	83	803	60	21 872	-1 575.1	2 255.8	1979	1983-12 GPP
53	4.40	0.150	0.32	0.84	54	875	52	8 430	-593.7	1 499.7	1987	1989-12 GPP
64	4.12	0.160	0.10	0.79	78	878	59	9 158	-703.8	1 622.5	1988	1989-12
16	3.50	0.150	0.28	0.79	78	877	59	8 522	-585.3	1 512.2	1992	1994-08 ABAND 1994
64	1.50	0.115	0.24	0.85	52	892	64	9 835	-746.9	1 643.3	1986	1992-10 ABAND 1992
16	2.00	0.140	0.30	0.85	64	846	48	10 124	-728.2	1 598.5	1988	1996-06 GPP
100	5.87	0.100	0.26	0.84	52	840	71	14 510	-982.7	1 887.5	1995	1997-03
64	8.63	0.070	0.31	0.85	70	905	37	11 264	-261.0	1 020.3	1988	1997-09
16	5.00	0.230	0.30	0.89	50	877	32	10 116	-220.2	988.5	1996	1996-07
32	4.00	0.160	0.35	0.92	41	898	29			996.9	1987	1998-12 GPP
32	1.50	0.160	0.26	0.94	25	897	31			996.8	1997	1998-12 GPP
189	3.64	0.140	0.35	0.80	88	855	29	11 186	-212.3	982.8	1987	1993-04
84					53	868	28	9 595	-181.3	956.2	1993	1997-12
20	2.30	0.220	0.28	0.89								
64	4.94	0.240	0.20	0.89								
16	1.30	0.210	0.46	0.89	44	866	31	10 917	-200.6	994.4	1994	1996-06 GPP
16	5.20	0.135	0.42	0.87	52	862	35	11 230	-233.6	1 041.6	1987	1996-06 GPP
16	6.50	0.090	0.42	0.90	41	912	39	10 751	-220.8	1 002.0	1989	1996-06
16	5.40	0.120	0.35	0.88	61	889	30		-264.3	1 023.0	1996	1998-01
32	5.00	0.180	0.30	0.88	47	854	36	12 592	-546.5	1 331.5	1986	1990-12 GPP
32	8.30	0.080	0.10	0.88	47	854	36	13 679	-566.5	1 347.2	1986	1994-12 GPP
80	5.20	0.130	0.21	0.83	75	880	36	12 689	-559.1	1 335.8	1987	1997-12 GPP
96	12.61	0.130	0.23	0.87	52	900	35	12 435	-560.8	1 345.4	1987	1998-08 GPP
76	4.20	0.150	0.23	0.83	80	890	39	12 530	-554.6	1 337.5	1988	1997-12 GPP
64	5.21	0.120	0.15	0.89	83	883	35	12 327	-604.8	1 365.0	1988	1992-10 GPP
16	6.00	0.160	0.25	0.82	83	868	35	13 701	-573.7	1 348.6	1986	1996-10 GPP
64	7.95	0.150	0.33	0.89	62	883	35	12 694	-582.4	1 369.7	1989	1993-03 GPP
64	6.00	0.160	0.18	0.79	109	898	34	12 673	-553.6	1 342.5	1986	1991-10
256	15.60	0.140	0.20	0.81	52	898	35	12 181	-602.4	1 362.8	1987	1996-09 GPP
376					92	862	35	12 143	-591.1	1 375.9	1988	1998-08
32	12.90	0.120	0.34	0.87								
344	7.41	0.110	0.29	0.87								
113	5.83	0.130	0.20	0.89	49	849	35	11 641	-568.5	1 363.5	1987	1990-03
92	6.72	0.120	0.21	0.87	52	862	35	11 903	-568.3	1 363.7	1988	1990-03 GPP
128	4.20	0.080	0.21	0.89	49	870	35	12 437	-579.3	1 360.8	1987	1996-08 GPP
115	7.50	0.120	0.24	0.89	70	883	35	12 239	-589.8	1 357.3	1989	1997-06 GPP
121	9.14	0.140	0.19	0.89	49	883	35	13 871	-553.5	1 335.7	1989	1998-11
1 405					83	862	35	12 110	-579.4	1 359.6	1989	1998-11
380	5.11	0.120	0.26	0.87								
1 025	6.82	0.120	0.26	0.87								
563	6.85	0.120	0.39	0.89	51	883	35	12 274	-598.4	1 380.1	1992	1993-11
32	5.00	0.100	0.32	0.87	51	866	37	11 095	-577.6	1 360.3	1994	1998-11 ABAND 1997
16	4.00	0.110	0.50	0.87	51	866	35	12 356	-608.4	1 394.0	1985	1998-10 GPP
32	5.50	0.170	0.33	0.79	109	861	34			1 352.0	1996	1997-04
24	7.50	0.120	0.28	0.89	49	883	35			1 382.7	1997	1998-06 GPP
16	3.00	0.120	0.33	0.89	49	883	35			1 376.9	1997	1998-08
64	9.57	0.140	0.21	0.88	83	898	35	13 155	-583.1	1 320.9	1990	1993-08 GPP
64	4.86	0.110	0.32	0.89	49	883	35	12 247	-617.6	1 384.0	1988	1995-12 GPP
32	6.82	0.120	0.32	0.89	83	898	35	14 133	-570.3	1 349.9	1991	1998-12 GPP
472	7.35	0.120	0.38	0.87	83	843	35	11 982	-592.3	1 375.0	1988	1998-05 GPP
1 355					74	897	35	12 326	-596.0	1 392.0	1987	1997-12
452	8.70	0.120	0.36	0.87								
903	6.54	0.125	0.34	0.87								
64	12.10	0.110	0.30	0.89	49	883	35	14 480	-567.4	1 346.6	1990	1994-03 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
ENCHANT 012-16W4 (CONTINUED)								
ARCS HHH & III	432.0	0.05		21.6		21.6	6.2	15.4
ARCS A & B	789.0	0.34		268.0		268.0	187.4	80.6
FIELD TOTAL *	35 688.4			5 142.3	1 875.6	7 018.3	2 970.0	4 048.3
ENSIGN 016-26W4								
RUNDLE A	150.0	<0.02		2.9		2.9	2.9	
FIELD TOTAL	150.0			2.9		2.9	2.9	
ENTICE 027-24W4								
LOWER MANNVILLE A	331.0	<0.02		4.0		4.0	4.0	
PEKISKO A	260.0	0.03		7.8		7.8	5.6	2.2
FIELD TOTAL	591.0			11.8		11.8	9.6	2.2
EQUISETUM 088-06W5								
KEG RIVER A	39.8	0.25		10.0		10.0	1.7	8.3
KEG RIVER B	58.9	<0.01		0.5		0.5	0.5	
KEG RIVER C	152.0	0.10		15.2		15.2	6.0	9.2
FIELD TOTAL	250.7			25.7		25.7	8.2	17.5
ERSKINE 039-20W4								
BLAIRMORE F	192.0	<0.01		1.7		1.7	1.7	
BLAIRMORE G	193.0	0.05		9.7		9.7	3.4	6.3
BLAIRMORE J	364.0	0.10		36.4		36.4	29.8	6.6
BLAIRMORE P	150.0	<0.01		0.4		0.4	0.4	
BLAIRMORE W	206.0	<0.01		0.3		0.3	0.3	
BLAIRMORE X	89.6	0.10		9.0		9.0	6.4	2.6
GLAUCONITIC F	201.0	0.05		10.1		10.1	4.1	6.0
GLAUCONITIC I	149.0	0.05		7.5		7.5	1.3	6.2
GLAUCONITIC N	93.3	0.10		9.3		9.3	2.8	6.5
GLAUCONITIC X	236.0	0.10		23.6		23.6	3.6	20.0
D-2	459.0	0.10		45.9		45.9	45.1	0.8
D-2 B	59.3	<0.02		0.7		0.7	0.7	
D-2 C	41.6	<0.02		0.8		0.8	0.8	
D-3	6 927.0	0.60		4 156.0		4 156.0	3 995.4	160.6
FIELD TOTAL	9 360.8			4 311.4		4 311.4	4 095.8	215.6
ESTHER 032-02W4								
VIKING A	110.0	<0.03		2.3		2.3	2.3	
VIKING B & C	1 437.0	0.12		172.0		172.0	102.9	69.1
FIELD TOTAL *	1 547.0			174.3		174.3	105.2	69.1
ESTUARY 023-22W4								
GLAUCONITIC C	172.0	0.10		17.2		17.2	4.3	12.9
GLAUCONITIC D	776.0	0.10		77.6		77.6	16.5	61.1
BASAL QUARTZ A	200.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	1 148.0			94.9		94.9	20.9	74.0
ETHEL 067-08W5								
BEAVERHILL LAKE A	993.0	0.02		19.9		19.9	16.2	3.7
FIELD TOTAL	993.0			19.9		19.9	16.2	3.7
EVI 087-13W5								
SLAVE POINT A	880.0	0.13		114.0		114.0	101.9	12.1
SLAVE POINT B	1 525.0	0.15		229.0		229.0	180.5	48.5
SLAVE POINT C	280.0	<0.04		10.6		10.6	10.6	
SLAVE POINT D	216.0	<0.08		15.7		15.7	15.7	
SLAVE POINT E	16.6	<0.09		1.4		1.4	1.4	
SLAVE POINT F	59.1	<0.07		4.1		4.1	4.1	
SLAVE POINT H	735.0	0.09		66.2		66.2	64.4	1.8
SLAVE POINT I	153.0	<0.05		7.0		7.0	7.0	
SLAVE POINT K	1 410.0	0.05		70.5		70.5	43.1	27.4
SLAVE POINT L	185.0	0.07		13.0		13.0	13.0	
SLAVE POINT M	62.9	<0.09		5.5		5.5	5.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	7.63	0.140	0.29	0.89	49	883	35	11 233	-574.4	1 375.3	1994	1995-08 GPP
143	6.39	0.130	0.20	0.83	50	887	35	12 572	-556.9	1 336.4	1985	1995-07 GPP
64	5.55	0.070	0.15	0.71	124	870	49	18 525	-985.1	2 039.1	1976	1990-12
64	3.00	0.260	0.21	0.84	67	884	44	10 905	-681.8	1 575.8	1975	1993-03 ABAND 1992
64	10.00	0.090	0.45	0.82	52	887	53	11 630	-778.6	1 689.2	1980	1983-12 GPP
64	2.33	0.060	0.50	0.89	40	830	46	14 849	-784.1	1 517.3	1987	1994-10 GPP
64	2.50	0.056	0.27	0.90	32	824	39	14 659	-790.4	1 482.7	1987	1988-06 ABAND 1991
64	5.20	0.080	0.33	0.85	40	830	43	14 584	-794.0	1 510.3	1988	1996-08 GPP
64	3.10	0.190	0.42	0.88	48	899	50	9 986	-569.1	1 385.1	1978	1979-05 ABAND 1983
64	2.20	0.200	0.22	0.88	121	875	52	10 242	-513.8	1 340.4	1980	1996-08 GPP
186	1.85	0.190	0.36	0.87	47	880	46	10 088	-516.6	1 340.1	1982	1998-10 GPP
64	2.80	0.190	0.50	0.88	48	875	37	8 035	-554.5	1 370.0	1953	1988-12 ABAND 1992
64	3.30	0.190	0.39	0.84	64	900	54	9 986	-522.3	1 348.1	1985	1987-12 ABAND 1995
64	1.80	0.150	0.39	0.85	57	873	50	10 398	-502.0	1 323.1	1981	1982-09 GPP
64	2.70	0.200	0.30	0.83	75	870	50	10 070	-488.8	1 318.0	1981	1996-08 GPP
64	2.40	0.180	0.35	0.83	68	877	44	9 561	-507.2	1 334.7	1973	1984-05 GPP
64	2.20	0.140	0.43	0.83	68	877	44	9 754	-495.3	1 312.6	1993	1994-02 GPP
64	2.50	0.220	0.23	0.87	55	877	52			1 318.0	1997	1998-09
58	17.37	0.067	0.15	0.80	76	887	60	12 053	-754.0	1 577.6	1955	1973-12 GPP
16	9.50	0.065	0.25	0.80	77	899	61	10 511	-750.2	1 573.3	1980	1994-11 ABAND 1993
32	3.19	0.060	0.15	0.80	54	887	60	11 414	-755.4	1 576.2	1954	1989-12 ABAND 1989
1 864	8.60	0.062	0.15	0.82	84	887	61	15 332	-821.0	1 642.2	1952	1992-12 GPP
64	1.67	0.220	0.48	0.90	38	871	29	6 828	-10.8	710.6	1969	1997-12 GPP
638	1.70	0.230	0.36	0.90	44	849	27	6 694	-11.8	709.2	1974	1996-06 GPP
64	2.30	0.180	0.22	0.83	69	867	49	10 319	-532.5	1 422.9	1997	1997-12
128	5.20	0.180	0.19	0.80	85	842	48		-575.6	1 498.3	1995	1998-04
64	4.50	0.150	0.45	0.84	68	877	46	10 660	-600.7	1 517.3	1980	1983-12 ABAND 1982
400	7.19	0.057	0.17	0.73	99	815	67	21 212	-1 360.7	2 296.4	1964	1992-12 GPP
384	5.64	0.062	0.28	0.91	171	833	38	16 463	-950.2	1 575.8	1979	1998-12 GPP
705	3.86	0.080	0.23	0.91	30	833	38	16 253	-943.0	1 554.7	1979	1994-11 GPP
64	5.00	0.120	0.20	0.91	33	833	38	15 925	-927.3	1 576.5	1981	1985-12 ABAND 1987
64	6.50	0.090	0.27	0.79	94	861	49	15 719	-923.5	1 584.3	1982	1996-06 ABAND 1998
16	3.00	0.060	0.27	0.79	94	833	49	15 750	-917.8	1 528.3	1982	1996-06 ABAND 1998
32	4.00	0.080	0.27	0.79	94	833	49	16 110	-924.0	1 543.0	1982	1996-06 GPP
223	5.85	0.080	0.19	0.87	40	842	36	16 524	-967.3	1 553.3	1982	1998-10 GPP
64	6.00	0.060	0.27	0.91	32	833	38	16 918	-960.3	1 545.0	1982	1983-03 ABAND 1989
448	8.58	0.063	0.36	0.91	34	828	47	15 654	-895.3	1 507.5	1980	1987-12 GPP
64	13.60	0.039	0.40	0.91	42	827	66	15 679	-905.6	1 512.1	1981	1994-12 ABAND 1994
64	5.40	0.040	0.50	0.91	33	835	38	15 386	-890.6	1 508.0	1983	1996-06 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
EVI 087-13W5 (CONTINUED)								
SLAVE POINT N	398.0	0.10		39.8		39.8	37.1	2.7
SLAVE POINT O	72.6	<0.01		0.5		0.5	0.5	
SLAVE POINT P	216.0	<0.01		0.2		0.2	0.2	
SLAVE POINT Q	94.1	<0.04		3.3		3.3	3.3	
SLAVE POINT R	289.0	<0.01		2.0		2.0	2.0	
SLAVE POINT S	184.0	0.15		27.6		27.6	25.9	1.7
SLAVE POINT T	134.0	0.25		33.5		33.5	13.9	19.6
SLAVE POINT U	38.9	<0.02		0.7		0.7	0.7	
SLAVE POINT V	52.3	0.10		5.2		5.2	1.1	4.1
SLAVE POINT W	219.0	0.10		21.9		21.9	6.3	15.6
SLAVE POINT Y	80.1	<0.02		1.1		1.1	1.1	
SLAVE POINT X & GILWOOD EE	317.0	0.15		47.6		47.6	29.7	17.9
GILWOOD A	1 075.0	0.50		538.0		538.0	388.9	149.1
GILWOOD B	299.0	0.40		120.0		120.0	100.2	19.8
GILWOOD D	191.0	<0.19		34.9		34.9	34.9	
GILWOOD H	285.0	0.20		57.0		57.0	37.9	19.1
GILWOOD I	710.0	0.25		178.0		178.0	172.9	5.1
GILWOOD J	238.0	0.30		71.4		71.4	61.9	9.5
GILWOOD K	146.0	<0.07		9.7		9.7	9.7	
GILWOOD L	247.0	0.32		79.0		79.0	75.5	3.5
GILWOOD O	243.0	0.25		60.8		60.8	57.8	3.0
GILWOOD P	132.0	<0.07		8.1		8.1	8.1	
GILWOOD R	131.0	0.35		45.9		45.9	42.3	3.6
GILWOOD S	13.0	<0.15		1.9		1.9	1.9	
GILWOOD T	42.4	<0.07		2.6		2.6	2.6	
GILWOOD W	152.0	0.25		38.0		38.0	31.7	6.3
GILWOOD Y	71.9	0.25		18.0		18.0	12.9	5.1
GILWOOD Z	35.1	0.03		1.1		1.1	1.1	
GILWOOD BB	22.0	0.35		7.7		7.7	7.7	
GILWOOD CC	91.2	<0.08		6.5		6.5	6.5	
GILWOOD DD	35.0	<0.02		0.6		0.6	0.6	
GILWOOD FF	63.5	0.30		19.1		19.1	9.4	9.7
GILWOOD GG	311.0	0.30		93.3		93.3	28.4	64.9
GILWOOD HH	39.0	0.30		11.7		11.7	3.4	8.3
GILWOOD II	284.0	0.30		85.2		85.2	16.3	68.9
GILWOOD JJ	72.3	0.30		21.7		21.7	9.5	12.2
GILWOOD KK	7.9	0.30		2.4		2.4	1.8	0.6
GILWOOD LL	27.4	0.20		5.5		5.5	0.3	5.2
GILWOOD V & GRANITE WASH K	202.0	0.30		60.6		60.6	19.4	41.2
GILWOOD G & GRANITE WASH H	200.0	0.25		50.0		50.0	48.4	1.6
GILWOOD X & GRANITE WASH R	366.0	0.25		91.5		91.5	48.1	43.4
KEG RIVER 'A & GRANITE WASH N	5 330.0	0.56		2 985.0		2 985.0	2 393.2	591.8
KEG RIVER B & GRANITE WASH P	3 608.0	0.45		1 624.0		1 624.0	1 305.2	318.8
GRANITE WASH G	100.0	0.12		12.0		12.0	12.0	
GRANITE WASH I	75.6	<0.12		8.4		8.4	8.4	
GRANITE WASH L	207.0	0.25		51.8		51.8	43.7	8.1
GRANITE WASH M	35.0	<0.14		4.8		4.8	4.8	
GRANITE WASH S	52.2	<0.10		5.1		5.1	5.1	
GRANITE WASH T	126.0	0.08		10.1		10.1	3.6	6.5
GRANITE WASH U	58.3	<0.03		1.7		1.7	1.7	
GRANITE WASH V	189.0	0.13		24.6		24.6	18.8	5.8
GRANITE WASH W	315.0	0.20		63.0		63.0	35.6	27.4
GRANITE WASH X	316.0	0.25		79.0		79.0	55.9	23.1
GRANITE WASH Y	148.0	0.40		59.2		59.2	55.2	4.0
GRANITE WASH Z	17.2	<0.03		0.4		0.4	0.4	
GRANITE WASH AA	315.0	0.20		63.0		63.0	39.5	23.5
GRANITE WASH BB	234.0	0.15		35.1		35.1	26.6	8.5
GRANITE WASH CC	385.0	0.20		77.0		77.0	31.9	45.1
GRANITE WASH DD	121.0	0.25		30.3		30.3	25.6	4.7
GRANITE WASH EE	110.0	0.30		33.0		33.0	13.0	20.0
GRANITE WASH FF	1 091.0	0.25		273.0		273.0	158.2	114.8
GRANITE WASH GG	280.0	0.30		84.0		84.0	72.1	11.9
GRANITE WASH II	61.0	0.20		12.2		12.2	5.6	6.6
GRANITE WASH KK	58.3	0.02		1.2		1.2	1.2	
GRANITE WASH LL	197.0	0.25		49.3		49.3	20.8	28.5

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
141	6.82	0.078	0.41	0.90	33	794	40	15 087	-890.3	1 489.3	1983	1984-12 GPP
32	7.50	0.056	0.40	0.90	33	832	40	15 211	-876.2	1 472.8	1984	1994-09 ABAND 1994
64	6.80	0.080	0.31	0.90	33	840	40	15 348	-885.7	1 471.2	1986	1989-12 ABAND 1991
32	3.80	0.100	0.15	0.91	32	838	37	16 115	-958.4	1 545.9	1984	1996-04 ABAND 1995
64	6.00	0.120	0.31	0.91	35	841	37	16 419	-978.8	1 553.0	1983	1988-12 ABAND 1991
32	8.50	0.100	0.23	0.88	44	840	39	16 117	-960.5	1 542.8	1984	1990-12 GPP
64	4.30	0.080	0.31	0.88	109	827	62	14 440	-903.9	1 528.1	1991	1992-01 GPP
16	4.00	0.090	0.25	0.90	33	794	40	14 463	-948.2	1 541.9	1994	1996-06 GPP
16	5.30	0.090	0.23	0.89	33	794	40	15 105	-958.5	1 545.9	1993	1998-09 GPP
64	5.50	0.090	0.24	0.91	30	828	38	14 554	-927.0	1 594.3	1993	1994-10 GPP
32	4.80	0.070	0.19	0.92	30	828	38	14 472	-949.6	1 534.4	1994	1997-11 ABAND 1997
64	8.20	0.094	0.27	0.88	36	845	42	14 151	-970.9	1 619.3	1994	1995-12 GPP
200	4.50	0.210	0.28	0.79	45	820	49	16 844	-976.0	1 594.3	1980	1996-12 GPP
64	4.80	0.170	0.35	0.88	45	820	49	16 381	-976.1	1 600.7	1982	1997-12 GPP
192	1.27	0.147	0.35	0.82	66	833	41	16 483	-981.3	1 643.2	1981	1996-06 ABAND 1996
128	1.70	0.210	0.24	0.82	45	833	49	16 825	-983.6	1 600.6	1981	1994-11 GPP
128	4.98	0.186	0.27	0.82	45	825	49	16 698	-982.5	1 585.5	1979	1988-10 GPP
64	3.00	0.170	0.17	0.88	62	835	43	16 363	-971.7	1 566.0	1981	1994-12 GPP
32	3.50	0.215	0.27	0.83	62	835	43	16 426	-969.1	1 568.0	1981	1996-06 ABAND 1997
128	2.61	0.120	0.30	0.88	36	833	42	15 496	-962.0	1 585.1	1982	1997-12 GPP
192	1.74	0.120	0.31	0.88	36	846	42	16 398	-959.0	1 569.5	1981	1998-10 GPP
64	2.00	0.180	0.30	0.82	45	833	49	16 526	-991.4	1 608.0	1982	1996-04 ABAND 1995
128	1.66	0.100	0.30	0.88	36	854	42	13 171	-963.8	1 606.5	1982	1995-12 GPP
64	0.82	0.040	0.30	0.88	44	854	39	16 383	-959.2	1 613.0	1982	1985-12 ABAND 1988
64	1.34	0.076	0.26	0.88	36	845	42	14 858	-969.7	1 630.5	1982	1992-10 GPP
64	2.82	0.160	0.40	0.88	62	840	45	16 367	-972.7	1 578.3	1982	1989-12 GPP
64	1.40	0.160	0.43	0.88	36	846	42	14 939	-955.2	1 561.2	1989	1993-12 GPP
64	0.80	0.130	0.40	0.88	36	846	42	15 079	-958.7	1 589.8	1990	1995-02 ABAND 1994
64	0.86	0.070	0.35	0.88	36	846	42	14 960	-972.2	1 586.5	1989	1994-11 GPP
64	1.80	0.150	0.40	0.88	45	825	48	16 705	-976.7	1 627.9	1981	1993-12 ABAND 1993
16	1.50	0.240	0.26	0.82	75	835	33	17 909	-995.4	1 582.8	1993	1996-03 ABAND 1995
32	2.60	0.190	0.51	0.82	45	833	49	14 976	-973.7	1 619.5	1995	1995-11 GPP
32	6.90	0.200	0.20	0.88	36	845	42	13 198	-977.8	1 576.8	1996	1996-07 GPP
32	1.00	0.190	0.27	0.88	36	845	42	13 568	-976.2	1 575.2	1995	1996-07 GPP
64	4.16	0.210	0.38	0.82	45	825	49	12 846	-980.5	1 579.3	1996	1997-01 GPP
40	1.80	0.180	0.32	0.82	45	833	49			1 592.5	1997	1998-11 GPP
8	1.00	0.180	0.38	0.88	36	845	49	11 662	-969.0	1 623.3	1997	1998-02 GPP
32	1.30	0.110	0.32	0.88	36	845	42			1 624.7	1997	1998-05 GPP
96	2.38	0.160	0.38	0.89	34	845	43	16 188	-978.6	1 584.7	1982	1996-04 GPP
64	4.50	0.150	0.48	0.89	44	835	44	16 633	-981.6	1 597.1	1982	1991-08 GPP
64	6.30	0.170	0.40	0.89	49	845	38	16 455	-985.3	1 609.0	1989	1993-01 GPP
842	5.17	0.196	0.29	0.88	53	824	38	16 141	-933.6	1 511.7	1985	1998-12 GPP
342	8.50	0.200	0.27	0.85	50	828	36	15 938	-927.5	1 494.1	1985	1994-12 GPP
103	2.20	0.100	0.51	0.90	33	833	43	16 559	-995.0	1 597.4	1982	1996-06 GPP
16	4.00	0.175	0.25	0.90	34	845	43	16 806	-995.0	1 608.1	1982	1995-01 ABAND 1993
64	4.08	0.160	0.45	0.90	34	845	43	17 041	-994.9	1 608.5	1982	1992-12 GPP
25	2.00	0.150	0.48	0.90	64	844	43	16 533	-1 000.9	1 613.1	1983	1985-05 ABAND 1989
16	4.65	0.130	0.40	0.90	34	845	43	15 235	-992.0	1 610.4	1990	1998-10 GPP
32	5.80	0.150	0.50	0.90	34	845	43	16 353	-997.1	1 616.6	1990	1996-08 GPP
16	5.00	0.150	0.46	0.90	34	844	43	15 687	-993.6	1 609.9	1991	1996-06 GPP
100	1.56	0.220	0.38	0.89	49	835	38	13 992	-965.0	1 551.2	1992	1998-10 GPP
64	3.10	0.220	0.18	0.88	47	818	38	13 406	-963.4	1 524.3	1993	1998-04 GPP
72	2.50	0.240	0.17	0.88	47	818	38	13 528	-969.1	1 537.4	1993	1998-11 GPP
100	1.24	0.160	0.15	0.88	47	818	38	13 439	-959.2	1 507.7	1993	1997-12 GPP
16	1.20	0.180	0.44	0.89	49	823	38	13 506	-974.8	1 570.9	1993	1996-06 GPP
64	3.60	0.210	0.26	0.88	47	818	38	13 473	-968.2	1 530.2	1993	1993-12 GPP
32	4.00	0.260	0.20	0.88	47	818	38	13 317	-959.1	1 512.6	1993	1998-11 GPP
64	4.50	0.220	0.31	0.88	47	816	38	13 413	-956.8	1 525.3	1993	1998-11 GPP
64	2.20	0.150	0.35	0.88	47	818	47	13 529	-964.6	1 537.6	1993	1994-04 GPP
64	1.80	0.180	0.41	0.90	34	845	43	12 908	-966.5	1 565.9	1994	1994-05 GPP
192	4.68	0.220	0.38	0.89	49	823	38	13 302	-958.1	1 510.8	1993	1995-05 GPP
125	2.00	0.200	0.37	0.89	49	823	38	13 323	-947.0	1 529.7	1993	1998-02 GPP
16	3.50	0.180	0.32	0.89	49	823	38	12 922	-963.6	1 542.2	1994	1995-01 GPP
20	3.50	0.170	0.45	0.89	49	823	38	12 206	-966.9	1 542.7	1994	1996-04 ABAND 1995
68	2.50	0.200	0.35	0.89	49	823	38	12 954	-967.7	1 529.1	1993	1995-10 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
EVI 087-13W5 (CONTINUED)								
GRANITE WASH MM	69.2	0.20		13.8		13.8	11.9	1.9
GRANITE WASH NN	200.0	0.25		50.0		50.0	24.8	25.2
GRANITE WASH OO	278.0	0.30		83.4		83.4	58.0	25.4
GRANITE WASH PP	284.0	0.20		56.8		56.8	42.2	14.6
GRANITE WASH QQ	14.1	<0.25		3.4		3.4	3.4	
GRANITE WASH RR	61.5	0.25		15.4		15.4	12.6	2.8
GRANITE WASH SS	26.0	0.20		5.2		5.2	3.2	2.0
GRANITE WASH TT	302.0	0.20		60.4		60.4	27.8	32.6
GRANITE WASH UU	178.0	0.20		35.6		35.6	5.6	30.0
GRANITE WASH VV	83.6	0.20		16.7		16.7	3.2	13.5
GRANITE WASH WW	33.2	0.35		11.6		11.6	2.2	9.4
GRANITE WASH XX	33.5	0.35		11.7		11.7	4.0	7.7
GRANITE WASH YY	189.0	0.25		47.3		47.3	40.3	7.0
GRANITE WASH ZZ	84.0	0.10		8.4		8.4	5.1	3.3
GRANITE WASH AAA	78.3	<0.04		2.9		2.9	2.9	
GRANITE WASH DDD	51.3	0.25		12.8		12.8	0.4	12.4
FIELD TOTAL	28 745.6			8 463.2		8 463.2	6 394.8	2 068.4
EWING LAKE 037-21W4								
D-2 C	543.0	0.35		190.0		190.0	176.5	13.5
D-2 D	2 037.0	0.40		815.0		815.0	730.1	84.9
D-2 E	121.0	<0.02		1.3		1.3	1.3	
D-2 F	246.0	<0.02		3.2		3.2	3.2	
D-3 A	516.0	0.57		294.0		294.0	290.7	3.3
D-3 B	252.0	<0.10		23.6		23.6	23.6	
D-3 C	98.4	0.20		19.7		19.7	0.7	19.0
FIELD TOTAL	3 813.4			1 346.8		1 346.8	1 226.1	120.7
EXCELSIOR 056-24W4								
MANNVILLE A	1 800.0	<0.01		5.0		5.0	2.0	3.0
MANNVILLE F	789.0	0.20	0.15	158.0	118.0	276.0	205.3	70.7
WATER FLOOD								
D-2	6 800.0	0.68		4 624.0		4 624.0	4 504.0	120.0
FIELD TOTAL	9 389.0			4 787.0	118.0	4 905.0	4 711.3	193.7
EXPANSE 088-04W6								
GILWOOD A	474.0	<0.02		5.6		5.6	5.6	
GILWOOD B	55.2	<0.02		0.8		0.8	0.8	
FIELD TOTAL	529.2			6.4		6.4	6.4	
FAIRYDELL-BON ACCORD 057-24W4								
UPPER VIKING B	234.0	<0.09		20.0		20.0	20.0	
MIDDLE VIKING C	36.9	<0.10		3.4		3.4	3.4	
LOWER VIKING A	117.0	0.10		11.7		11.7	1.3	10.4
UPPER MANNVILLE B	93.6	<0.01		0.9		0.9	0.9	
BASAL MANNVILLE A	287.0	0.05		14.4		14.4	6.8	7.6
BASAL MANNVILLE C	2 756.0	0.05		138.0		138.0	125.0	13.0
BASAL MANNVILLE H	350.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE J	128.0	<0.01		0.8		0.8	0.8	
BASAL MANNVILLE L	259.0	0.07		18.1		18.1	12.0	6.1
BASAL MANNVILLE M	107.0	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE N	167.0	<0.02		2.7		2.7	2.7	
D-2 A	931.0	0.20		186.0		186.0	140.5	45.5
D-2 B	671.0	0.46		309.0		309.0	305.6	3.4
D-2 C	202.0	0.10		20.2		20.2	2.5	17.7
D-3 A	2 771.0	0.70		1 940.0		1 940.0	1 905.9	34.1
D-3 B	210.0	0.05		10.5		10.5	7.4	3.1
FIELD TOTAL	9 320.5			2 676.5		2 676.5	2 535.6	140.9
FARRELL 034-16W4								
LOWER MANNVILLE A	104.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	104.0			0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER- SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	3.80	0.180	0.29	0.89	49	823	38	12 295	-963.8	1 532.8	1994	1995-06 GPP
32	4.70	0.210	0.29	0.89	49	823	38	11 480	-959.4	1 519.4	1994	1995-04 GPP
32	5.00	0.260	0.25	0.89	49	823	38	12 130	-961.1	1 527.8	1994	1995-12 GPP
64	3.60	0.220	0.37	0.89	49	823	38	12 183	-962.5	1 527.2	1994	1995-05 GPP
8	2.00	0.180	0.45	0.89	49	823	38	12 099	-972.1	1 530.3	1995	1998-11 GPP
16	3.60	0.200	0.40	0.89	45	835	38	10 895	-961.0	1 529.1	1995	1997-12 GPP
8	3.50	0.180	0.42	0.89	49	823	38	10 918	-965.8	1 519.5	1995	1998-11 GPP
32	6.50	0.240	0.32	0.89	49	823	38	11 090	-967.1	1 524.8	1995	1995-12 GPP
64	2.10	0.220	0.33	0.90	25	837	40	14 649	-992.8	1 591.8	1995	1996-01 GPP
32	3.60	0.160	0.46	0.84	60	832	41	10 607	-965.3	1 532.3	1995	1997-01 GPP
16	2.30	0.190	0.46	0.88	47	818	38	10 110	-961.0	1 527.6	1996	1996-09 GPP
16	2.20	0.180	0.40	0.88	47	818	38	10 221	-948.3	1 535.4	1996	1996-09 GPP
32	4.80	0.230	0.40	0.89	49	823	38			1 526.9	1994	1998-12 GPP
16	3.33	0.230	0.23	0.89	49	823	38			1 533.8	1994	1998-12 GPP
64	2.50	0.110	0.50	0.89	49	823	38			1 531.6	1993	1998-02 GPP
16	4.00	0.150	0.40	0.89	49	822	38			1 540.0	1997	1998-06 GPP
460	2.56	0.067	0.16	0.82	66	855	66	12 566	-784.9	1 637.4	1960	1989-12 GPP
1 172	3.74	0.070	0.17	0.80	66	876	66	12 651	-785.3	1 632.0	1953	1994-12 GPP
64	5.90	0.080	0.50	0.80	66	876	66	12 694	-791.6	1 636.1	1981	1987-12 ABAND 1993
64	5.20	0.100	0.10	0.82	65	873	64	11 970	-787.8	1 631.6	1986	1994-06 ABAND 1993
322	4.18	0.057	0.18	0.82	69	870	60	13 176	-820.3	1 669.5	1953	1996-12 GPP
32	18.50	0.070	0.26	0.82	71	844	58	12 698	-824.3	1 668.9	1980	1994-06 ABAND 1993
16	10.00	0.110	0.31	0.81	73	863	67		-1 132.7	2 043.5	1997	1998-07
797	2.13	0.204	0.35	0.80	30	876	38	7 002	-368.6	1 070.7	1951	1997-11 GPP
256	2.34	0.210	0.34	0.95	55	859	45	7 761	-417.4	1 121.1	1951	1993-10 GPP
565	25.14	0.064	0.15	0.88	39	844	48	8 705	-477.4	1 180.3	1949	1996-09 GPP
64	9.80	0.140	0.35	0.83	57	845	73	23 146	-1 573.0	2 454.8	1982	1996-02 ABAND 1995
16	5.00	0.130	0.36	0.83	50	824	86	22 504	-1 574.3	2 466.7	1983	1992-12 ABAND 1995
100	1.83	0.200	0.20	0.80	43	860	38	6 051	-129.1	832.9	1953	1989-12 GPP
64	0.90	0.200	0.60	0.80	43	860	38	6 120	-138.9	843.0	1953	1985-09 ABAND 1958
64	1.70	0.170	0.31	0.92	39	842	23			736.2	1997	1998-04 GPP
16	5.00	0.260	0.50	0.90	43	964	43	7 632	-210.3	913.5	1991	1995-10 ABAND 1995
32	5.80	0.240	0.30	0.92	40	909	38	7 126	-342.2	1 049.6	1951	1984-04 GPP
274	6.70	0.220	0.25	0.91	35	887	42	7 237	-355.2	1 064.7	1965	1989-11 GPP
32	6.00	0.260	0.22	0.90	40	900	32	7 424	-362.1	1 066.8	1976	1985-07 ABAND 1991
16	7.50	0.180	0.35	0.91	40	900	32	5 824	-358.9	1 067.3	1979	1992-11 ABAND 1994
32	6.10	0.230	0.38	0.93	28	859	32	6 914	-390.3	1 095.5	1955	1994-12 GPP
32	3.60	0.200	0.50	0.93	40	836	44	7 599	-380.9	1 086.2	1955	1994-05 GPP
32	6.00	0.190	0.48	0.88	50	874	46	7 175	-387.6	1 094.9	1993	1998-11 GPP
394	4.53	0.090	0.37	0.92	27	870	42	7 833	-411.0	1 093.8	1949	1994-12 GPP
214	7.19	0.057	0.17	0.92	27	870	41	8 962	-443.6	1 148.7	1953	1994-12 GPP
64	10.00	0.070	0.50	0.90	42	870	40	7 841	-414.3	1 103.0	1996	1996-09
405	13.74	0.063	0.15	0.93	33	898	47	9 053	-519.6	1 224.8	1953	1994-12 GPP
16	13.70	0.110	0.10	0.97	20	990	38	9 299	-538.1	1 198.7	1987	1988-06 GPP
64	2.40	0.130	0.40	0.87	42	890	70	8 816	-349.5	1 220.6	1976	1982-09 ABAND 1988

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
FARROW 020-24W4								
BOW ISLAND A	23.9	<0.03		0.7		0.7	0.7	
GLAUCONITIC A	64.8	0.10		6.5		6.5	3.1	3.4
GLAUCONITIC B	80.7	0.06		4.8		4.8	3.2	1.6
GLAUCONITIC C	111.0	0.10		11.1		11.1	3.1	8.0
GLAUCONITIC D	92.2	0.20		18.4		18.4	14.0	4.4
GLAUCONITIC E	84.8	0.10		8.5		8.5	5.8	2.7
GLAUCONITIC F	115.0	0.05		5.8		5.8	0.1	5.7
LOWER MANNVILLE A	23.5	0.10		2.4		2.4	0.1	2.3
LOWER MANNVILLE B	98.7	0.05		4.9		4.9	0.2	4.7
OSTRACOD A	10.1	<0.03		0.3		0.3	0.3	
BASAL QUARTZ B	405.0	0.10		40.5		40.5	38.2	2.3
BASAL QUARTZ E	33.9	<0.05		1.6		1.6	1.6	
BASAL QUARTZ F	57.5	<0.05		2.7		2.7	2.7	
BASAL QUARTZ G	132.0	<0.06		7.5		7.5	7.5	
BASAL QUARTZ I	80.9	0.10		8.1		8.1	7.8	0.3
BASAL QUARTZ J	67.3	0.10		6.7		6.7	1.2	5.5
BASAL QUARTZ L	224.0	0.03		6.7		6.7	0.2	6.5
BASAL QUARTZ N	37.6	0.15		5.6		5.6	1.8	3.8
FIELD TOTAL	1 742.9			142.8		142.8	91.6	51.2
FENN WEST 036-20W4								
BANFF A	11.8	<0.17		1.9		1.9	1.9	
D-2 A	2 892.0	0.60		1 735.0		1 735.0	1 717.2	17.8
D-2 C	690.0	0.15		104.0		104.0	66.4	37.6
D-2 D	374.0	<0.10		34.0		34.0	34.0	
D-2 E	400.0	0.30		120.0		120.0	102.4	17.6
D-2 G	901.0	0.45		405.0		405.0	240.4	164.6
D-2 H	447.0	0.40		179.0		179.0	166.3	12.7
D-3 A	559.0	<0.08		41.3		41.3	41.3	
D-3 B	38.4	<0.13		4.8		4.8	4.8	
D-3 C	375.0	<0.30		110.0		110.0	110.0	
D-3 D	79.7	<0.01		0.1		0.1	0.1	
D-3 E	1 484.0	0.35		519.0		519.0	497.5	21.5
D-3 F	171.0	<0.11		18.7		18.7	18.7	
D-3 G	987.0	<0.02		13.9		13.9	13.9	
FIELD TOTAL	9 409.9			3 286.7		3 286.7	3 014.9	271.8
FENN-BIG VALLEY 035-20W4								
VIKING D	46.3	<0.02		0.8		0.8	0.8	
BLAIRMORE B	357.0	<0.01		2.3		2.3	2.3	
UPPER MANNVILLE A	356.0	0.05		17.8		17.8	8.9	8.9
UPPER MANNVILLE K	4 501.0	0.01		45.0		45.0	35.0	10.0
D-2 A TOTAL	80 000.0			49 470.0	302.0	49 770.0	48 856.4	913.6
PRIMARY AREA	74 200.0	0.63		46 750.0		46 750.0		
SOLVENT FLOOD AREA	5 803.0	<0.47	0.05	2 714.0	302.0	3 016.0		
D-2 B	99.5	<0.02		1.1		1.1	1.1	
D-2 C	374.0	0.25		93.5		93.5	92.1	1.4
D-2 D TOTAL	1 600.0			266.0	90.0	356.0	330.9	25.1
PRIMARY AREA	600.0	0.21		126.0		126.0		
WATER FLOOD AREA	1 000.0	0.14	0.09	140.0	90.0	230.0		
D-2 E	132.0	0.18		23.8		23.8	13.6	10.2
D-3 A	642.0	0.75		482.0		482.0	476.3	5.7
D-3 B	396.0	0.45		178.0		178.0	132.6	45.4
D-3 C	152.0	0.45		68.4		68.4	51.1	17.3
D-3 E	329.0	0.17		55.9		55.9	52.9	3.0
D-3 F	3 000.0	0.75		2 250.0		2 250.0	2 169.0	81.0
D-3 G	260.0	0.20		52.0		52.0	42.0	10.0
D-3 H	210.0	0.35		73.5		73.5	44.1	29.4
D-3 I	407.0	0.65		265.0		265.0	254.7	10.3
FIELD TOTAL	92 861.8			53 345.1	392.0	53 735.1	52 563.8	1 171.3
FERRIER 040-08W5								
BELLY RIVER A TOTAL	4 885.0			800.0	247.0	1 047.0	579.7	467.3
PRIMARY AREA	36.3	<0.01		0.2		0.2		
WATER FLOOD AREA	4 849.0	<0.17	0.05	800.0	247.0	1 047.0		
BELLY RIVER C	358.0	<0.06		20.6		20.6	20.6	
BELLY RIVER E	234.0	<0.01		0.5		0.5	0.5	
BELLY RIVER F	95.6	<0.01		0.7		0.7	0.7	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	3.00	0.120	0.50	0.83	62	854	43	7 941	-430.3	1 437.2	1987	1996-06 GPP
64	1.50	0.140	0.39	0.79	98	813	42	12 952	-684.3	1 777.8	1988	1987-06 GPP
36	3.03	0.180	0.48	0.79	98	813	42	12 666	-657.1	1 653.3	1992	1995-05 GPP
64	4.25	0.110	0.47	0.70	100	845	45	12 997	-691.4	1 789.2	1993	1994-10 GPP
64	1.54	0.160	0.26	0.79	98	813	42	12 968	-640.7	1 628.1	1994	1996-12 GPP
16	8.90	0.120	0.38	0.80	94	834	46	12 546	-645.8	1 677.5	1995	1996-08 GPP
32	6.20	0.110	0.28	0.73	120	832	46	9 762	-657.9	1 690.5	1996	1996-10 GPP
16	2.94	0.140	0.57	0.83	68	867	42	14 923	-729.8	1 834.5	1987	1997-12 GPP
32	3.50	0.170	0.36	0.81	88	860	48			1 811.4	1997	1998-12 GPP
16	0.90	0.130	0.37	0.86	64	851	41	14 078	-732.4	1 849.1	1988	1996-06 GPP
266	1.94	0.150	0.37	0.83	60	867	59	13 828	-716.5	1 759.2	1964	1991-11 GPP
16	3.00	0.170	0.50	0.83	83	838	45	14 690	-739.1	1 829.3	1988	1996-06 GPP
16	4.90	0.130	0.32	0.83	83	839	45	14 448	-751.2	1 744.3	1988	1996-06 GPP
64	1.52	0.200	0.15	0.80	80	834	54	14 792	-734.1	1 700.3	1970	1996-06 GPP
64	1.40	0.170	0.36	0.83	83	839	45	13 908	-726.9	1 776.5	1990	1991-03 GPP
16	4.80	0.160	0.34	0.83	83	839	45	14 756	-743.6	1 777.9	1990	1997-09 GPP
64	3.90	0.180	0.40	0.83	60	867	59	14 044	-707.1	1 735.2	1987	1991-11 GPP
64	1.00	0.120	0.41	0.83	66	852	45	14 733	-731.9	1 815.3	1993	1994-05 GPP
5	7.93	0.070	0.50	0.85	71	855	44	10 832	-499.0	1 422.2	1977	1979-10 ABAND 1981
1 307	6.23	0.060	0.26	0.80	81	860	61	12 096	-782.3	1 701.1	1961	1991-12 GPP
128	12.19	0.070	0.22	0.81	73	846	62	12 443	-829.6	1 729.4	1982	1986-12 GPP
64	12.90	0.070	0.21	0.82	70	847	63	12 515	-847.0	1 738.9	1982	1994-11 ABAND 1993
85	12.40	0.058	0.22	0.84	73	865	62	12 572	-843.3	1 730.6	1983	1998-11 GPP
200	7.77	0.100	0.31	0.84	59	859	62	14 574	-912.3	1 825.1	1993	1998-12 GPP
182	4.93	0.069	0.14	0.84	55	839	70	14 610	-917.1	1 787.7	1960	1997-09 GPP
64	15.50	0.080	0.20	0.88	35	849	55	12 672	-872.7	1 783.2	1982	1996-06 GPP
16	7.26	0.048	0.15	0.81	89	858	58	12 657	-862.1	1 754.6	1982	1996-06 GPP
14	40.88	0.091	0.10	0.80	67	860	61	13 121	-914.6	1 809.9	1982	1994-05 ABAND 1993
64	5.00	0.040	0.25	0.83	67	893	60	10 178	-881.0	1 804.8	1982	1983-03 ABAND 1983
56	55.13	0.069	0.14	0.81	76	848	65	13 184	-907.4	1 793.3	1983	1993-12 GPP
20	21.60	0.062	0.21	0.81	76	861	67	13 028	-907.2	1 801.8	1984	1994-11 ABAND 1993
64	24.00	0.103	0.23	0.81	75	860	65	12 615	-895.5	1 783.8	1985	1985-11 ABAND 1988
16	3.50	0.170	0.40	0.81	70	857	60	6 497	-344.6	1 195.6	1954	1996-06 GPP
64	5.10	0.200	0.25	0.73	90	846	47	9 003	-451.0	1 292.6	1952	1984-12 ABAND 1990
64	4.00	0.230	0.28	0.84	53	890	39	8 094	-361.0	1 197.7	1984	1996-12 GPP
1 096	4.73	0.180	0.47	0.91	33	869	39	8 483	-361.2	1 194.6	1991	1995-07 GPP
5 995					77	865	58	12 881	-762.9	1 611.4	1950	1997-03 GPP
4 972	17.06	0.120	0.10	0.81								
1 023	9.93	0.082	0.14	0.81								
64	4.63	0.060	0.30	0.80	78	855	52	12 867	-778.9	1 652.9	1976	1978-04 ABAND 1995
16	18.90	0.170	0.10	0.81	81	860	61	12 489	-752.2	1 605.9	1956	1992-12 GPP
280					63	876	62	12 442	-747.2	1 603.6	1951	1997-12 GPP
120	6.68	0.110	0.15	0.80								
160	8.36	0.110	0.15	0.80								
32	5.09	0.145	0.31	0.81	65	882	63	12 828	-755.8	1 599.8	1963	1985-08 GPP
369	4.42	0.060	0.20	0.82	76	849	58	12 883	-790.4	1 631.9	1950	1986-12 GPP
180	3.81	0.085	0.15	0.80	80	876	59	12 500	-779.8	1 630.8	1954	1997-12 GPP
140	2.44	0.067	0.18	0.81	73	892	60	12 510	-783.9	1 643.3	1952	1997-12 GPP
182	3.05	0.085	0.15	0.82	73	865	58	12 772	-781.4	1 626.0	1952	1981-12 GPP
626	6.64	0.100	0.12	0.82	73	898	61	12 749	-796.2	1 651.2	1954	1984-11 GPP
128	3.04	0.090	0.17	0.80	73	904	41	12 918	-783.7	1 620.0	1952	1988-09 GPP
80	3.10	0.120	0.12	0.80	85	856	57	11 909	-781.8	1 646.5	1983	1997-12 GPP
175	3.93	0.084	0.12	0.80	75	904	60	12 896	-797.6	1 653.7	1952	1984-12 GPP
1 776					62	820	59	9 016	-712.7	1 697.2	1966	1998-04
64	1.13	0.110	0.45	0.83								
1 712	4.74	0.120	0.40	0.83								
65	7.32	0.130	0.30	0.83	66	829	54	8 488	-653.4	1 626.9	1974	1996-06 ABAND 1997
16	12.00	0.210	0.30	0.83	70	898	50	9 959	-740.1	1 715.5	1980	1992-11 GPP
64	3.00	0.120	0.50	0.83	54	830	57	9 053	-648.8	1 615.8	1982	1983-04 ABAND 1994

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
FERRIER 040-08W5 (CONTINUED)								
BELLY RIVER I	51.1	<0.01		0.1		0.1	0.1	*
BELLY RIVER L	96.3	0.05		4.8		4.8	0.2	4.6
BELLY RIVER M	68.4	<0.08		5.1		5.1	5.1	
CARDIUM C	248.0	0.05		12.4		12.4	7.6	4.8
CARDIUM F	94.9	0.10		9.5		9.5	0.8	8.7
CARDIUM X	185.0	<0.01		0.4		0.4	0.4	
CARDIUM BB	140.0	<0.01		0.2		0.2	0.2	
CARDIUM GG	31.5	<0.01		0.1		0.1	0.1	
CARDIUM LL	167.0	0.05		8.4		8.4	7.7	0.7
CARDIUM VV	136.0	0.05		6.8		6.8	0.2	6.6
CARDIUM G & L TOTAL	93 710.0			4 206.0	7 993.0	12 200.0	10 000.2	2 199.8
PRIMARY AREA	27 100.0	0.03		813.0		813.0		
WATER FLOOD AREA	66 610.0	<0.06	0.12	3 393.0	7 993.0	11 390.0		
CARDIUM R & U	223.0	0.10		22.3		22.3	12.6	9.7
CARDIUM B,N & VIKING A	2 880.0	0.13		374.0		374.0	355.5	18.5
SECOND WHITE SPECKS A	32.6	0.20		6.5		6.5	1.7	4.8
SECOND WHITE SPECKS B	114.0	0.20		22.8		22.8	1.8	21.0
VIKING C	76.8	<0.13		9.5		9.5	9.5	
VIKING D	65.9	0.10		6.6		6.6	5.1	1.5
VIKING E	61.3	<0.05		3.0		3.0	3.0	
VIKING F	60.0	0.12		7.2		7.2	7.2	
VIKING G	400.0	0.10		40.0		40.0	34.9	5.1
VIKING H	25.4	<0.02		0.3		0.3	0.3	
VIKING K	12.9	0.20		2.6		2.6	2.0	0.6
ROCK CREEK B	107.0	<0.01		0.2		0.2	0.2	
ELKTON B	821.0	0.15		123.0		123.0	16.0	107.0
ELKTON H	67.6	0.15		10.1		10.1	2.7	7.4
SHUNDA A	132.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	105 580.3			5 704.1	8 240.0	13 945.1	11 077.0	2 868.1
FERRYBANK 044-27W4								
BELLY RIVER I	396.0	0.03		11.9		11.9	4.7	7.2
BELLY RIVER C,G & H TOTAL	25 470.0			1 127.0	441.0	1 568.0	1 250.1	317.9
PRIMARY AREA	10 770.0	0.05		539.0		539.0		
WATER FLOOD AREA	14 700.0	0.04	0.03	588.0	441.0	1 029.0		
GLAUCONITIC C	396.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE G	226.0	<0.02		4.2		4.2	4.2	
LOWER MANNVILLE I	155.0	<0.05		6.5		6.5	6.5	
LOWER MANNVILLE M	326.0	<0.01		1.4		1.4	1.4	
BANFF C	142.0	<0.01		1.0		1.0	1.0	
BANFF D	91.6	0.10		9.2		9.2	5.7	3.5
BANFF F	129.0	0.10		12.9		12.9	6.7	6.2
FIELD TOTAL	27 331.6			1 174.6	441.0	1 615.6	1 280.8	334.8
FIR 059-21W5								
CARDIUM A	135.0	0.10		13.5		13.5	8.7	4.8
CARDIUM B	94.6	0.10		9.5		9.5	7.6	1.9
CARDIUM D	127.0	0.13		16.5		16.5	15.6	0.9
CARDIUM E	84.9	0.10		8.5		8.5	1.6	6.9
CARDIUM F	5.5	<0.06		0.3		0.3	0.3	
SECOND WHITE SPECKS A	209.0	0.20		41.8		41.8	16.9	24.9
DUNVEGAN A	134.0	<0.02		2.0		2.0	1.4	0.6
DUNVEGAN B	91.7	0.10		9.2		9.2	1.9	7.3
FIELD TOTAL	881.7			101.3		101.3	54.0	47.3
FIRE 113-07W6								
SULPHUR POINT C	441.0	0.20		88.2		88.2	41.4	46.8
MUSKEG A	69.5	<0.01		0.3		0.3	0.3	
KEG RIVER A	256.0	<0.05		11.7		11.7	11.7	
KEG RIVER B	134.0	<0.01		0.3		0.3	0.3	
KEG RIVER C	187.0	0.30		56.1		56.1	39.6	16.5
KEG RIVER D	182.0	0.20		36.4		36.4	12.9	23.5
KEG RIVER E	354.0	<0.12		41.2		41.2	41.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.64	0.100	0.42	0.84	54	818	57	9 391	-894.1	1 961.0	1988	1995-06 ABAND 1990
32	7.00	0.100	0.50	0.86	121	782	54	9 913	-734.2	1 731.5	1980	1996-01 GPP
64	1.80	0.130	0.45	0.83	62	820	59			1 717.9	1980	1998-05
434	0.87	0.120	0.27	0.75	166	806	71	22 945	-1 203.0	2 200.1	1961	1989-09 GPP
65	1.52	0.140	0.12	0.78	133	834	52	21 216	-1 043.2	2 008.5	1955	1988-07 GPP
64	4.40	0.123	0.15	0.63	175	824	75	21 294	-1 203.5	2 204.6	1980	1983-12
64	2.95	0.140	0.20	0.66	150	813	70	20 240	-1 232.6	2 303.7	1976	1982-05 ABAND 1991
16	2.40	0.140	0.15	0.69	180	806	70	21 856	-1 174.6	2 199.3	1980	1992-10 ABAND 1992
64	2.74	0.170	0.15	0.66	160	811	66	20 355	-1 188.7	2 205.5	1976	1989-11 GPP
64	4.00	0.110	0.30	0.69	154	833	76	17 692	-1 289.4	2 361.9	1995	1996-10 GPP
34 090					190	806	70	21 757	-1 138.7	2 149.7	1961	1992-04 GPP
13 912	2.91	0.125	0.15	0.63								
20 178	4.67	0.132	0.15	0.63								
64	6.98	0.093	0.20	0.67	218	824	71	23 168	-1 271.3	2 299.1	1976	1993-01 GPP
6 066	1.50	0.078	0.30	0.58	273	811	78	27 871	-1 366.1	2 394.2	1955	1992-11 GPP
64	2.00	0.080	0.35	0.49	321	780	77			2 419.0	1997	1998-02
64	4.20	0.080	0.20	0.66	250	781	70			2 502.9	1997	1998-03
64	2.50	0.100	0.20	0.60	190	825	73	26 251	-1 464.7	2 461.8	1979	1991-09 ABAND 1990
64	3.00	0.075	0.25	0.61	217	823	81	26 175	-1 412.3	2 378.0	1982	1989-12 GPP
64	2.00	0.090	0.25	0.71	134	836	93	25 707	-1 497.7	2 502.3	1979	1989-12 ABAND 1991
125	1.00	0.090	0.25	0.71	140	815	84	28 194	-1 459.2	2 483.7	1985	1995-05 ABAND 1994
200	4.19	0.101	0.25	0.63	243	825	77	25 172	-1 400.9	2 381.9	1988	1989-07 GPP
64	0.80	0.100	0.30	0.71	134	837	93	24 800	-1 345.8	2 337.6	1989	1995-12 ABAND 1995
64	0.80	0.070	0.40	0.60	236	815	86	20 020	-1 375.3	2 376.6	1997	1997-08 GPP
64	3.50	0.085	0.24	0.74	120	828	70	22 208	-1 597.8	2 563.9	1982	1983-04
64	18.10	0.120	0.18	0.72	126	851	96		-1 950.1	3 007.0	1997	1997-10
16	7.90	0.100	0.19	0.66	163	851	99		-1 943.8	2 992.2	1997	1998-11 GPP
65	5.18	0.083	0.25	0.63	195	815	81	22 580	-1 644.1	2 602.7	1965	1967-04 ABAND 1967
64	5.20	0.190	0.32	0.92	30	850	36	5 971	-80.0	940.2	1988	1996-08 GPP
6 792					28	850	38	6 045	-72.9	976.2	1970	1998-03
3 208	4.10	0.180	0.50	0.91								
3 584	4.90	0.184	0.50	0.91								
64	5.30	0.180	0.19	0.80	88	860	30	13 173	-826.7	1 734.9	1984	1985-11 GPP
64	4.00	0.160	0.31	0.80	82	860	60	10 488	-820.0	1 705.0	1978	1979-10 ABAND 1988
53	2.50	0.190	0.23	0.80	76	894	57	12 605	-803.4	1 683.8	1981	1996-06 GPP
128	4.24	0.120	0.35	0.77	95	820	66	13 704	-848.3	1 741.8	1984	1985-10
16	11.40	0.150	0.35	0.80	45	905	55	11 089	-795.8	1 725.0	1985	1996-06 GPP
32	6.31	0.090	0.37	0.80	55	905	64	11 096	-796.8	1 757.1	1985	1991-12 GPP
16	10.10	0.150	0.39	0.87	59	896	47	11 647	-759.1	1 617.0	1995	1998-06 GPP
64	3.70	0.100	0.25	0.76	107	850	56	20 677	-741.6	1 854.7	1977	1981-02 GPP
64	2.60	0.110	0.32	0.76	105	836	60	20 863	-766.1	1 895.3	1980	1986-01 GPP
64	2.18	0.150	0.20	0.76	170	841	72	20 679	-771.4	1 735.5	1989	1997-12 GPP
32	4.24	0.140	0.48	0.86	72	830	56	19 461	-635.9	1 577.4	1992	1994-01 GPP
16	0.60	0.100	0.24	0.76	90	810	62	17 061	-735.6	1 868.0	1994	1996-06 GPP
64	8.00	0.080	0.25	0.68	141	812	69	21 609	-885.4	1 988.0	1996	1997-01 GPP
32	7.79	0.120	0.44	0.80	66	831	80	17 636	-1 035.2	2 152.1	1993	1998-11 GPP
16	9.00	0.130	0.31	0.71	120	820	76	17 440	-1 005.8	2 068.5	1993	1995-01 GPP
64	11.30	0.090	0.12	0.77	90	843	72	14 222	-1 125.4	1 457.3	1969	1992-07 GPP
16	13.40	0.060	0.26	0.73	105	869	87	15 482	-1 191.3	1 528.4	1966	1996-06
22	61.70	0.035	0.30	0.77	95	844	77	15 514	-1 214.8	1 546.7	1969	1994-11 ABAND 1991
20	36.58	0.034	0.30	0.77	95	849	77	15 490	-1 207.0	1 539.5	1970	1971-12 ABAND 1971
18	42.10	0.040	0.20	0.77	95	844	77	15 773	-1 201.3	1 533.8	1969	1998-04 GPP
32	37.80	0.030	0.35	0.77	86	875	68	15 259	-1 191.4	1 524.3	1986	1998-09 GPP
16	83.90	0.045	0.24	0.77	95	857	77	15 638	-1 247.9	1 583.0	1987	1997-12 ABAND 1996

TABLE 2-6

FIELD POOL	1	2 3		5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
FIRE 113-07W6 (CONTINUED)								
KEG RIVER F	72.2	<0.14		9.5		9.5	9.5	*
KEG RIVER G	120.0	<0.05		4.9		4.9	4.9	
KEG RIVER H	194.0	0.25		48.5		48.5	12.7	35.8
KEG RIVER I	193.0	0.05		9.7		9.7	7.3	2.4
KEG RIVER J	80.3	0.25		20.1		20.1	2.7	17.4
FIELD TOTAL	2 283.0			326.9		326.9	184.5	142.4
FLOOD 085-24W5								
MONTNEY A	33.6	0.05		1.7		1.7	1.0	0.7
FIELD TOTAL *	33.6			1.7		1.7	1.0	0.7
FOLEY LAKE 066-06W5								
VIKING A	197.0	0.05		9.9		9.9	5.6	4.3
FIELD TOTAL	197.0			9.9		9.9	5.6	4.3
FOX CREEK 062-18W5								
GETHING B	2 974.0	0.05		149.0		149.0	133.4	15.6
GETHING D & H	767.0	0.03		23.0		23.0	12.0	11.0
BEAVERHILL LAKE A WATER FLOOD	1 750.0	0.20	0.40	350.0	700.0	1 050.0	846.1	203.9
BEAVERHILL LAKE B	10.6	<0.08		0.8		0.8	0.8	
FIELD TOTAL	5 501.6			522.8	700.0	1 222.8	992.3	230.5
GADSBY 038-19W4								
MANNVILLE K	43.8	0.10		4.4		4.4	0.3	4.1
MANNVILLE L	61.4	<0.01		0.1		0.1	0.1	
MANNVILLE O	68.8	<0.01		0.1		0.1	0.1	
MANNVILLE Q	849.0	0.18		153.0		153.0	58.3	94.7
MANNVILLE Z	536.0	0.15		80.4		80.4	23.6	56.8
MANNVILLE AA	707.0	<0.01		5.6		5.6	5.6	
FIELD TOTAL	2 266.0			243.6		243.6	88.0	155.6
GALAHAD 041-15W4								
ELLERSLIE A	158.0	0.10		15.8		15.8	9.2	6.6
ELLERSLIE E	188.0	<0.03		4.9		4.9	4.9	
ELLERSLIE F	185.0	<0.11		18.8		18.8	18.8	
ELLERSLIE G	61.3	<0.09		5.3		5.3	5.3	
ELLERSLIE H	49.8	<0.08		3.9		3.9	3.9	
ELLERSLIE I	55.6	<0.01		0.2		0.2	0.2	
ELLERSLIE J	41.2	<0.02		0.8		0.8	0.8	
ELLERSLIE K	56.7	<0.01		0.5		0.5	0.5	
ELLERSLIE L	57.0	<0.02		0.8		0.8	0.8	
CAMROSE A	252.0	0.15		37.8		37.8	26.6	11.2
FIELD TOTAL *	1 104.6			88.8		88.8	71.0	17.8
GARDEN PLAINS 032-13W4								
UPPER MANNVILLE C	130.0	<0.02		1.5		1.5	1.5	
UPPER MANNVILLE H	123.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE K	247.0	0.04		9.9		9.9	8.0	1.9
LOWER MANNVILLE C	51.9	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	78.8	<0.03		1.7		1.7	1.7	
FIELD TOTAL	630.7			13.4		13.4	11.5	1.9
GARRINGTON 034-04W5								
CARDIUM F	141.0	<0.01		0.1		0.1	0.1	
CARDIUM G	56.9	0.10		5.7		5.7	2.6	3.1
CARDIUM I	729.0	0.05		36.5		36.5	17.2	19.3
CARDIUM M	1 388.0	0.10		139.0		139.0	107.0	32.0
CARDIUM N	530.0	0.17		90.1		90.1	64.1	26.0
CARDIUM O	133.0	0.05		6.7		6.7	3.5	3.2
CARDIUM P	68.1	<0.04		2.7		2.7	2.6	0.1
CARDIUM Q	104.0	0.20		20.8		20.8	19.7	1.1
CARDIUM R	43.2	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	43.94	0.020	0.35	0.79	74	844	74	15 603	-1 201.1	1 534.0	1986	1998-04 ABAND 1994
22	29.90	0.034	0.27	0.73	115	851	67	15 406	-1 172.6	1 518.2	1970	1998-07 ABAND 1997
32	35.00	0.030	0.25	0.77	99	843	77	14 869	-1 192.0	1 524.8	1987	1998-09 GPP
16	69.50	0.030	0.25	0.77	95	843	77	15 309	-1 222.8	1 555.3	1995	1996-09 GPP
16	51.00	0.020	0.40	0.82	67	854	77	14 920	-1 192.1	1 533.5	1997	1997-07 GPP
8	4.50	0.200	0.47	0.88	66	873	29	5 957	-153.1	830.0	1993	1998-11 GPP
64	3.05	0.170	0.30	0.85	58	880	32	6 984	-104.7	889.0	1973	1992-06 GPP
745	5.11	0.150	0.38	0.84	64	882	59	14 684	-1 031.5	1 919.0	1977	1989-10
192	4.78	0.180	0.42	0.80	76	893	61	14 640	-1 026.2	1 907.9	1959	1996-08 GPP
1 162	5.74	0.082	0.20	0.40	530	795	110	29 205	-2 195.6	3 083.8	1975	1996-09 GPP
16	4.11	0.056	0.24	0.38	508	801	110	28 980	-2 198.7	3 088.1	1976	1996-06
16	2.50	0.190	0.28	0.80	53	880	49	9 272	-454.7	1 287.6	1992	1998-12
16	4.01	0.170	0.33	0.84	64	852	48	9 287	-452.5	1 289.5	1992	1996-06 GPP
32	2.00	0.190	0.31	0.82	67	847	48	9 923	-461.2	1 286.9	1993	1994-05 ABAND 1993
127	5.89	0.200	0.34	0.86	51	855	48	10 083	-435.5	1 267.8	1993	1996-03
120	3.50	0.190	0.21	0.85	64	852	48	9 841	-464.7	1 296.8	1995	1996-03
32	18.09	0.200	0.29	0.86	51	855	48	9 789	-424.5	1 258.1	1993	1998-11 GPP
32	3.23	0.240	0.25	0.85	60	887	40	7 799	-329.6	1 056.3	1983	1998-12 GPP
64	2.80	0.190	0.40	0.92	18	886	29	7 371	-338.6	1 097.9	1988	1993-08 ABAND 1993
28	4.39	0.220	0.28	0.95	16	908	34	7 086	-316.7	1 036.3	1989	1996-06 GPP
32	1.80	0.180	0.35	0.91	37	899	35	7 355	-315.4	1 034.2	1990	1996-06 GPP
16	2.10	0.260	0.38	0.92	48	897	37	7 157	-339.0	1 097.3	1992	1996-06 GPP
16	3.50	0.190	0.45	0.95	16	908	34	7 557	-332.5	1 091.0	1992	1996-06
16	1.90	0.220	0.33	0.92	48	897	37	7 331	-306.5	1 028.2	1992	1996-06 GPP
16	3.20	0.190	0.36	0.91	37	899	35	6 920	-318.4	1 043.0	1993	1996-06 GPP
8	4.00	0.250	0.25	0.95	16	908	34	7 095	-328.3	1 031.0	1994	1998-09 ABAND 1996
64	4.75	0.140	0.26	0.80	80	929	51	8 758	-447.8	1 170.6	1983	1989-05 GPP
16	8.00	0.230	0.48	0.85	64	845	38	9 288	-300.0	1 122.7	1988	1996-06
64	2.80	0.180	0.55	0.85	56	862	38	8 518	-278.3	1 066.6	1982	1988-12 ABAND 1987
64	3.50	0.200	0.40	0.92	31	867	34	11 079	-282.3	1 067.3	1981	1997-12 GPP
64	0.80	0.180	0.36	0.88	52	863	42	8 698	-319.3	1 128.9	1987	1990-11 ABAND 1988
32	2.00	0.200	0.30	0.88	52	863	42	8 444	-301.1	1 156.3	1993	1994-11 ABAND 1994
64	2.70	0.120	0.15	0.80	68	820	75	22 344	-873.1	1 852.9	1981	1982-05 ABAND 1982
32	3.00	0.100	0.25	0.79	90	820	60	23 095	-852.1	1 846.9	1981	1996-06 GPP
786	1.57	0.090	0.18	0.80	89	823	59	23 094	-853.7	1 842.3	1982	1997-01 GPP
1 444	1.68	0.110	0.35	0.80	48	843	67	17 703	-865.1	1 876.5	1960	1988-12 GPP
550	1.48	0.110	0.26	0.80	96	843	68	22 314	-868.7	1 887.3	1976	1997-01 GPP
64	3.10	0.100	0.15	0.79	88	819	60	20 117	-883.8	1 946.0	1984	1989-12 GPP
32	4.30	0.120	0.45	0.75	96	845	68	11 193	-968.1	2 027.0	1985	1998-11 GPP
104	1.46	0.104	0.13	0.76	108	840	64	24 332	-1 154.9	2 185.4	1962	1988-12 GPP
64	1.20	0.100	0.25	0.75	106	825	63	22 598	-910.3	1 908.4	1983	1992-10 ABAND 1993

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
GARRINGTON 034-04W5 (CONTINUED)								
CARDIUM T	117.0	0.05		5.9		5.9	1.1	4.8
CARDIUM V	100.0	0.10		10.0		10.0	1.9	8.1
CARDIUM A & B TOTAL	31 620.0			1 580.0	1 820.0	3 400.0	3 226.3	173.7
PRIMARY AREA	11 400.0	0.05		570.0		570.0		
WATER FLOOD AREA	20 220.0	0.05	0.09	1 010.0	1 820.0	2 830.0		
SECOND WHITE	87.5	<0.03		2.1		2.1	2.1	
SPECKS A								
SECOND WHITE	163.0	0.15		24.5		24.5	21.4	3.1
SPECKS B								
SECOND WHITE	106.0	<0.02		1.3		1.3	1.3	
SPECKS C								
SECOND WHITE	94.2	<0.01		0.1		0.1	0.1	
SPECKS D								
SECOND WHITE	139.0	0.10		13.9		13.9	5.3	8.6
SPECKS E								
SECOND WHITE	81.9	0.20		16.4		16.4	12.1	4.3
SPECKS F								
SECOND WHITE	316.0	0.06		19.0		19.0	13.6	5.4
SPECKS G								
SECOND WHITE	115.0	0.10		11.5		11.5	5.0	6.5
SPECKS H								
SECOND WHITE	73.7	0.05		3.7		3.7	0.3	3.4
SPECKS I								
SECOND WHITE	615.0	0.05		30.8		30.8	22.1	8.7
SPECKS J & VIKING N								
VIKING A	10 870.0	0.08		870.0		870.0	841.2	28.8
VIKING C	132.0	<0.03		2.7		2.7	2.7	
VIKING F	304.0	0.10		30.4		30.4	27.3	3.1
VIKING J	72.4	<0.11		7.8		7.8	7.8	
VIKING K	194.0	0.21		40.7		40.7	39.0	1.7
VIKING L	197.0	0.03		5.9		5.9	5.2	0.7
VIKING P	103.0	0.15		15.5		15.5	8.4	7.1
VIKING Q	1 789.0	0.12		215.0		215.0	123.5	91.5
VIKING S	58.1	<0.01		0.5		0.5	0.5	
VIKING Y	17.7	<0.02		0.2		0.2	0.2	
VIKING Z	128.0	0.08		10.2		10.2	2.5	7.7
VIKING DD	69.9	0.10		7.0		7.0	0.3	6.7
VIKING G & LOWER MANNVILLE RRR	316.0	0.03		9.5		9.5	8.2	1.3
VIKING CC & MANNVILLE B	9 718.0	<0.08		740.0		740.0	731.0	9.0
MANNVILLE D	3 400.0	0.07		238.0		238.0	227.8	10.2
MANNVILLE I	801.0	0.25		200.0		200.0	151.7	48.3
MANNVILLE L	15.5	<0.06		0.9		0.9	0.9	
MANNVILLE M	212.0	0.07		14.8		14.8	13.8	1.0
MANNVILLE O	221.0	<0.01		0.4		0.4	0.4	
MANNVILLE R & LOWER MANNVILLE ZZ	116.0	0.10		11.6		11.6	4.0	7.6
LOWER MANNVILLE A	83.3	<0.02		1.4		1.4	1.4	
LOWER MANNVILLE B	18.9	<0.06		1.1		1.1	1.1	
LOWER MANNVILLE D	83.6	<0.05		4.0		4.0	4.0	
LOWER MANNVILLE E	403.0	0.03		12.1		12.1	5.4	6.7
LOWER MANNVILLE I	257.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE J	64.8	<0.09		5.5		5.5	5.5	
LOWER MANNVILLE P	63.0	<0.08		4.6		4.6	4.6	
LOWER MANNVILLE S	163.0	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE T	40.1	<0.04		1.5		1.5	1.5	
LOWER MANNVILLE U	69.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE Y	128.0	<0.02		2.1		2.1	2.1	
LOWER MANNVILLE Z	111.0	<0.04		3.7		3.7	3.7	
LOWER MANNVILLE KK	105.0	<0.02		1.6		1.6	1.6	
LOWER MANNVILLE NN	28.7	0.05		1.4		1.4	0.8	0.6
LOWER MANNVILLE OO	47.8	0.05		2.4		2.4	0.7	1.7
LOWER MANNVILLE PP	71.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE UU	149.0	0.05		7.5		7.5	0.7	6.8
LOWER MANNVILLE VV	149.0	0.05		7.5		7.5	1.0	6.5
LOWER MANNVILLE WW	83.3	0.05		4.2		4.2	0.9	3.3
LOWER MANNVILLE XX	42.9	0.05		2.2		2.2	0.8	1.4
LOWER MANNVILLE N & O	450.0	<0.08		34.0		34.0	32.3	1.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.60	0.110	0.20	0.80	85	817	59	18 780	-831.7	1 810.5	1980	1988-06 GPP
64	2.30	0.100	0.15	0.80	85	817	59	23 921	-1 132.8	2 197.6	1985	1992-04 GPP
15 434					109	829	64	23 313	-950.2	1 999.0	1954	1992-12 GPP
5 521	3.24	0.100	0.15	0.75								
9 913	3.20	0.100	0.15	0.75								
64	3.20	0.090	0.35	0.73	115	823	64	17 414	-1 196.4	2 314.1	1981	1989-12 ABAND 1989
64	8.70	0.050	0.20	0.73	110	815	70	24 791	-1 148.0	2 202.7	1984	1988-12 GPP
16	13.00	0.100	0.30	0.73	110	819	67	23 173	-1 102.9	2 105.5	1984	1988-06 ABAND 1988
64	8.40	0.030	0.20	0.73	115	815	53	23 910	-1 130.8	2 137.4	1985	1986-03 ABAND 1988
64	8.50	0.050	0.20	0.64	177	823	84	23 390	-1 249.3	2 301.8	1985	1986-10 GPP
64	5.00	0.050	0.20	0.64	177	816	84	20 719	-1 203.1	2 234.3	1984	1994-12 GPP
64	6.50	0.130	0.20	0.73	120	789	73	25 521	-1 226.0	2 264.3	1984	1996-08 GPP
64	7.00	0.050	0.20	0.64	177	791	84	20 516	-1 161.6	2 229.3	1987	1988-09 GPP
64	4.50	0.050	0.20	0.64	187	834	69	22 748	-1 015.8	2 011.1	1983	1991-03 GPP
128	6.00	0.130	0.20	0.77	68	835	75	17 870	-1 318.7	2 352.5	1984	1998-06 GPP
8 324	2.40	0.100	0.36	0.85	57	841	64	9 183	-1 127.2	2 116.2	1977	1997-01 GPP
64	3.60	0.105	0.35	0.84	51	841	71	10 149	-1 286.0	2 382.2	1982	1992-03 ABAND 1991
65	6.71	0.120	0.30	0.83	128	820	53	8 841	-987.5	2 002.5	1963	1973-12 GPP
116	1.87	0.053	0.25	0.84	51	842	71	9 176	-1 114.5	2 088.1	1983	1998-07 ABAND 1997
128	2.95	0.090	0.32	0.84	51	840	71	17 324	-1 252.0	2 262.8	1979	1998-12 GPP
64	7.35	0.087	0.35	0.74	110	832	71	8 211	-1 017.3	2 001.2	1981	1986-12 GPP
64	3.20	0.100	0.28	0.70	142	829	74	20 781	-1 373.2	2 396.9	1979	1990-11 GPP
944	4.36	0.090	0.31	0.70	110	842	77	21 267	-1 457.2	2 522.6	1984	1995-03 GPP
64	1.50	0.120	0.40	0.84	68	835	75	18 120	-1 352.3	2 389.0	1985	1986-10 ABAND 1987
16	2.10	0.088	0.25	0.80	71	839	71	11 199	-1 167.7	2 202.5	1975	1996-06 GPP
64	5.10	0.080	0.30	0.70	142	829	74	16 024	-1 391.4	2 469.6	1992	1996-08 GPP
64	2.00	0.120	0.35	0.70	142	829	74			2 214.5	1984	1998-06 GPP
64	6.60	0.120	0.24	0.82	51	842	71	23 677	-1 088.5	2 117.0	1983	1993-08 GPP
5 433	4.11	0.128	0.15	0.40	385	797	68	32 119	-1 357.9	2 414.5	1963	1997-12 GPP
2 560	2.51	0.106	0.22	0.64	85	874	60	27 697	-1 483.7	2 564.9	1975	1987-05 GPP
200	4.60	0.160	0.15	0.64	181	864	81	29 299	-1 554.1	2 614.0	1982	1992-12 GPP
64	0.40	0.110	0.14	0.64	250	821	97	27 868	-1 528.8	2 565.4	1984	1996-06 GPP
128	3.10	0.110	0.24	0.64	181	874	81	27 132	-1 464.3	2 517.0	1984	1993-12 GPP
16	22.10	0.110	0.20	0.71	126	807	79	27 220	-1 443.5	2 467.6	1985	1992-11 ABAND 1991
64	3.30	0.100	0.19	0.68	152	843	82	21 164	-1 495.3	2 509.8	1979	1996-08 GPP
65	2.74	0.110	0.15	0.50	301	829	64	23 139	-1 476.6	2 512.3	1974	1975-11 ABAND 1975
32	1.85	0.080	0.20	0.50	301	825	64	28 503	-1 409.7	2 464.3	1974	1996-06 GPP
64	2.16	0.090	0.16	0.80	106	839	71	28 556	-1 374.3	2 441.7	1977	1984-07 ABAND 1983
64	10.00	0.120	0.30	0.75	96	845	86	25 680	-1 602.2	2 639.0	1979	1982-12 GPP
64	6.50	0.110	0.25	0.75	110	855	63	21 548	-1 489.7	2 553.1	1981	1984-12 ABAND 1982
32	1.50	0.200	0.10	0.75	100	821	83	24 809	-1 588.1	2 642.9	1982	1996-06 GPP
64	1.25	0.140	0.25	0.75	120	841	64	18 919	-1 382.3	2 440.8	1982	1996-01 ABAND 1995
64	3.90	0.120	0.20	0.68	152	843	82	38 128	-1 373.3	2 386.1	1982	1983-04 GPP
16	3.50	0.130	0.19	0.68	152	843	82	27 131	-1 511.1	2 596.8	1982	1998-11 GPP
64	2.50	0.080	0.20	0.68	152	843	82	26 426	-1 523.9	2 553.8	1983	1984-07 ABAND 1983
64	3.30	0.095	0.15	0.75	152	841	82	23 308	-1 646.9	2 716.8	1984	1988-12 GPP
16	10.20	0.120	0.21	0.72	152	841	82	23 166	-1 627.9	2 712.9	1984	1984-12 ABAND 1988
64	2.80	0.100	0.25	0.78	113	871	84	15 372	-1 551.0	2 561.5	1980	1995-09 ABAND 1995
64	0.60	0.120	0.17	0.75	191	807	88	31 010	-1 351.8	2 361.9	1974	1987-01 GPP
64	1.00	0.120	0.17	0.75	191	807	88	28 068	-1 365.7	2 375.8	1974	1987-01 GPP
64	1.50	0.120	0.17	0.75	191	807	88	28 151	-1 377.9	2 388.0	1974	1987-01 ABAND 1987
128	1.81	0.110	0.22	0.75	152	829	82	25 810	-1 426.6	2 492.9	1974	1988-06 GPP
128	1.54	0.110	0.13	0.79	152	829	82	25 964	-1 445.2	2 511.6	1974	1988-06 GPP
128	1.39	0.080	0.22	0.75	152	829	82	26 071	-1 458.2	2 524.6	1974	1988-06 GPP
64	1.30	0.080	0.14	0.75	152	829	82	26 348	-1 492.4	2 565.9	1974	1987-04 GPP
428	1.34	0.126	0.17	0.75	158	845	82	28 268	-1 514.0	2 564.0	1981	1998-11 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
GARRINGTON 034-04W5 (CONTINUED)								
LOWER MANNVILLE CC, DD & EE	240.0	0.05		12.0		12.0	6.1	5.9
LOWER MANNVILLE GG, HH & II	439.0	0.05		22.0		22.0	16.6	5.4
LOWER MANNVILLE Q, CCC & NNN	752.0	0.03		22.5		22.5	13.0	9.5
LOWER MANNVILLE AAA	47.3	0.07		3.3		3.3	3.2	0.1
LOWER MANNVILLE BBB	104.0	0.05		5.2		5.2	1.1	4.1
LOWER MANNVILLE DDD	36.2	0.10		3.6		3.6	1.1	2.5
LOWER MANNVILLE EEE	59.5	0.10		6.0		6.0	1.2	4.8
LOWER MANNVILLE FFF	100.0	0.10		10.0		10.0	1.9	8.1
LOWER MANNVILLE GGG	36.6	0.10		3.7		3.7	0.7	3.0
LOWER MANNVILLE JJJ	76.2	0.10		7.6		7.6	2.8	4.8
LOWER MANNVILLE SSS	39.8	0.05		2.0		2.0	0.8	1.2
LOWER MANNVILLE UUU	167.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE VVV	94.0	0.10		9.4		9.4	2.3	7.1
LMNV YYY, ZZZ & ROCK CREEK B	240.0	0.03		7.2		7.2	4.2	3.0
ROCK CREEK C	147.0	<0.01		0.1		0.1	0.1	
ROCK CREEK D	34.0	0.15		5.1		5.1	2.4	2.7
ELKTON H	133.0	0.15		20.0		20.0	13.3	6.7
ELKTON-SHUNDA A	52.5	<0.02		0.7		0.7	0.7	
WABAMUN A	6 502.0	0.21		1 365.0		1 365.0	1 295.9	69.1
NISKU A	211.0	<0.04		7.9		7.9	7.9	
LEDUC D	190.0	0.20		38.0		38.0	30.2	7.8
LEDUC G	1 067.0	0.25		267.0		267.0	30.1	236.9
FIELD TOTAL	78 936.9			6 360.3	1 820.0	8 180.3	7 232.8	947.5
GARTLEY 031-18W4								
OSTRACOD A & BASAL QUARTZ B	43.0	<0.07		2.7		2.7	2.7	
FIELD TOTAL	43.0			2.7		2.7	2.7	
GAYFORD 025-24W4								
ELLERSLIE A	51.9	0.15		7.8		7.8	0.6	7.2
FIELD TOTAL	51.9			7.8		7.8	0.6	7.2
GENESEE 050-03W5								
ELLERSLIE A	26.6	<0.01		0.1		0.1	0.1	
ELLERSLIE B	86.3	0.09		7.8		7.8	7.8	
FIELD TOTAL	112.9			7.9		7.9	7.9	
GEORGE 082-05W6								
KISKATINAW E	31.9	<0.03		0.9		0.9	0.9	
KISKATINAW F	681.0	0.15		102.0		102.0	26.1	75.9
KISKATINAW G	62.2	0.10		6.2		6.2	1.7	4.5
DEBOLT B	126.0	<0.03		3.4		3.4	3.4	
FIELD TOTAL *	901.1			112.5		112.5	32.1	80.4
GHOST PINE 031-22W4								
UPPER MANNVILLE V	1 006.0	<0.02		16.0		16.0	16.0	
UPPER MANNVILLE W	200.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE HH	279.0	<0.07		17.8		17.8	17.8	
UPPER MANNVILLE LL	246.0	0.06		14.8		14.8	12.5	2.3
UPPER MANNVILLE NN	116.0	<0.01		0.6		0.6	0.6	
UPPER MANNVILLE RR	99.8	0.15		15.0		15.0	13.8	1.2
UPPER MANNVILLE YY	640.0	0.03		19.2		19.2	11.2	8.0
UPPER MANN O.Y & FF	249.0	0.10		24.9		24.9	18.5	6.4
UPPER & LOWER MANNVILLE MU #1	564.0	0.08		45.1		45.1	44.9	0.2
UPPER MANNVILLE EEE	701.0	0.20		140.0		140.0	121.7	18.3
UPPER MANNVILLE HHH	64.6	<0.01		0.5		0.5	0.5	
UPPER MANNVILLE LLL	1 190.0	0.11		131.0		131.0	125.2	5.8
UPPER MANNVILLE QQQ	34.1	<0.05		1.6		1.6	1.5	0.1
UPPER MANNVILLE E2E	32.3	<0.07		2.2		2.2	2.2	
UPPER MANNVILLE W2W	162.0	0.05		8.1		8.1	5.9	2.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	4.88	0.120	0.20	0.80	152	843	82	26 325	-1 554.8	2 586.0	1984	1996-08 GPP
128	5.23	0.120	0.22	0.70	145	812	85	31 026	-1 510.7	2 551.6	1985	1996-08 GPP
320	3.80	0.110	0.24	0.74	152	843	82	28 245	-1 512.4	2 601.8	1982	1991-02 GPP
64	1.50	0.090	0.27	0.75	92	812	79	22 773	-1 417.8	2 461.1	1973	1990-12 GPP
64	2.40	0.110	0.18	0.75	92	812	79	28 475	-1 405.5	2 448.8	1973	1987-12 GPP
64	1.20	0.090	0.23	0.68	152	842	36	29 732	-1 505.8	2 511.0	1973	1988-07 GPP
64	1.80	0.100	0.24	0.68	152	842	36	29 398	-1 496.0	2 501.2	1973	1988-07 GPP
64	2.80	0.110	0.25	0.68	152	842	36	29 462	-1 464.9	2 470.1	1973	1988-07 GPP
64	1.50	0.080	0.30	0.68	152	843	82	29 642	-1 531.3	2 600.0	1982	1989-01
16	7.30	0.120	0.20	0.68	152	843	82	30 287	-1 486.8	2 578.6	1975	1993-12 GPP
32	4.50	0.050	0.21	0.70	310	753	98	22 515	-1 407.8	2 394.8	1983	1993-03 GPP
64	6.18	0.065	0.07	0.70	142	858	81	17 277	-1 504.9	2 568.5	1979	1988-08 ABAND 1993
64	2.70	0.100	0.20	0.68	152	843	82	23 044	-1 462.6	2 520.3	1974	1995-07
64	5.40	0.140	0.34	0.75	98	853	70	13 853	-1 562.3	2 602.5	1987	1997-09
32	5.00	0.140	0.18	0.80	65	819	82	21 747	-1 389.5	2 415.5	1988	1991-10 ABAND 1990
20	3.50	0.110	0.30	0.63	190	800	81	21 556	-1 383.0	2 365.4	1989	1997-08 GPP
64	2.50	0.140	0.15	0.70	148	857	85	19 158	-1 517.6	2 522.6	1988	1997-12 GPP
64	2.00	0.072	0.15	0.67	140	845	82	21 456	-1 401.9	2 402.0	1979	1983-12 ABAND 1984
2 816	9.94	0.061	0.32	0.56	271	834	84	24 779	-1 704.6	2 729.9	1952	1997-09 GPP
64	8.62	0.060	0.15	0.75	95	810	85	24 623	-1 917.0	2 903.1	1986	1996-11 ABAND 1996
32	18.10	0.069	0.15	0.56	255	805	93	19 411	-2 038.6	3 007.0	1985	1998-12
128	23.30	0.080	0.14	0.52	300	806	92	25 044	-2 401.0	3 417.4	1996	1997-10
16	4.20	0.150	0.51	0.87	51	853	42	9 661	-437.0	1 309.6	1989	1996-06 GPP
32	1.50	0.190	0.33	0.85	112	850	59		-738.6	1 657.0	1984	1998-11
64	0.80	0.100	0.35	0.80	85	850	45	16 767	-797.3	1 538.1	1983	1988-12 ABAND 1992
64	2.40	0.120	0.35	0.72	135	901	55	16 579	-798.2	1 563.4	1981	1991-10 ABAND 1990
16	3.00	0.160	0.48	0.80	82	877	53	14 516	-909.8	1 552.5	1990	1996-06 GPP
180	3.00	0.190	0.17	0.80	90	800	42	14 314	-858.8	1 480.3	1994	1997-04
64	2.50	0.090	0.46	0.80	81	880	47	14 168	-839.8	1 463.5	1994	1995-07 GPP
64	4.00	0.090	0.30	0.78	99	829	52	15 710	-902.7	1 524.5	1976	1995-01 ABAND 1994
227	3.94	0.210	0.37	0.85	67	855	58	10 129	-619.4	1 490.6	1954	1979-03 GPP
65	3.29	0.146	0.25	0.86	61	870	41	10 450	-588.8	1 396.8	1965	1966-05
64	6.40	0.140	0.40	0.81	80	876	53	10 556	-652.2	1 498.0	1967	1996-06 GPP
180	1.42	0.180	0.37	0.85	55	820	66	10 240	-553.2	1 362.2	1973	1998-11 GPP
64	1.83	0.170	0.32	0.85	64	855	43	10 334	-569.9	1 391.0	1974	1979-06 ABAND 1988
32	2.58	0.180	0.21	0.85	58	874	58	9 721	-630.8	1 486.3	1980	1995-02 GPP
192	5.65	0.110	0.33	0.80	76	862	57	10 356	-659.1	1 500.5	1983	1996-08 GPP
65	3.96	0.200	0.40	0.81	80	876	53	10 689	-648.6	1 488.5	1961	1968-12 GPP
257	2.79	0.180	0.48	0.84	71	865	49	10 699	-620.4	1 443.7	1965	1990-12 GPP
342	1.81	0.180	0.26	0.85	120	875	52	10 405	-631.8	1 489.9	1985	1995-01 GPP
64	1.20	0.150	0.34	0.85	50	858	62	10 444	-670.4	1 546.6	1980	1988-12
256	3.46	0.200	0.21	0.85	56	873	50	9 453	-664.0	1 501.2	1986	1998-10 GPP
16	3.00	0.130	0.35	0.84	60	870	48	10 207	-553.2	1 370.6	1985	1998-11 GPP
16	2.50	0.130	0.27	0.85	56	873	50	9 797	-669.7	1 493.3	1985	1996-06 GPP
32	7.50	0.120	0.29	0.79	78	877	59	9 565	-666.9	1 499.7	1990	1991-10

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
GHOST PINE 031-22W4 (CONTINUED)								
UPPER MANNVILLE FFF & KKK	89.9	<0.07		5.7		5.7	5.7	*
UPPER MANNVILLE A3A	128.0	0.10		12.8		12.8	7.3	5.5
UPPER MANNVILLE D3D	58.0	<0.02		0.9		0.9	0.9	
UPPER MANNVILLE Y3Y	200.0	0.15		30.0		30.0	16.8	13.2
UPPER MANNVILLE Z3Z	47.2	0.15		7.1		7.1	0.4	6.7
UPPER MANNVILLE H4H	109.0	0.05		5.5		5.5	2.0	3.5
UPPER MANNVILLE I4I	73.4	0.15		11.0		11.0	4.0	7.0
UPPER MANNVILLE S4S	238.0	0.10		23.8		23.8	1.7	22.1
LOWER MANNVILLE B	424.0	0.08		33.9		33.9	31.6	2.3
LOWER MANNVILLE E	115.0	0.15		17.3		17.3	16.4	0.9
LOWER MANNVILLE J	159.0	<0.06		8.4		8.4	8.4	
LOWER MANNVILLE K	110.0	<0.07		7.2		7.2	7.2	
LOWER MANNVILLE L	1 067.0	0.15		160.0		160.0	133.4	26.6
LOWER MANNVILLE N	88.7	<0.12		10.1		10.1	10.1	
LOWER MANNVILLE O	49.6	<0.03		1.4		1.4	1.4	
LOWER MANNVILLE U	32.6	<0.03		0.8		0.8	0.8	
LOWER MANNVILLE V	18.3	<0.03		0.4		0.4	0.4	
LOWER MANNVILLE KK	97.4	0.10		9.7		9.7	6.9	2.8
LOWER MANNVILLE LL	14.2	<0.09		1.2		1.2	1.2	
PEKISKO F	110.0	0.13		14.3		14.3	14.3	
PEKISKO K	305.0	<0.02		3.5		3.5	3.5	
PEKISKO N	202.0	<0.03		4.4		4.4	4.4	
PEKISKO P	38.7	<0.08		3.0		3.0	3.0	
FIELD TOTAL	9 358.8			809.4		809.4	674.3	135.1
GIFT 079-11W5								
SLAVE POINT A TOTAL	8 298.0			1 071.0	1 179.0	2 250.0	1 398.9	851.1
PRIMARY AREA	3 019.0	0.18		543.0		543.0		
WATER FLOOD AREA	5 279.0	0.10	0.23	528.0	1 179.0	1 707.0		
SLAVE POINT C	2 220.0	0.10		222.0		222.0	152.2	69.8
SLAVE POINT D	181.0	0.05		9.1		9.1	7.9	1.2
SLAVE POINT E	469.0	0.03		14.1		14.1	7.6	6.5
SLAVE POINT G	39.9	<0.07		2.6		2.6	2.6	
SLAVE POINT H	118.0	0.20		23.6		23.6	22.9	0.7
SLAVE POINT I	292.0	<0.01		0.1		0.1	0.1	
SLAVE POINT J	376.0	0.15		56.4		56.4	36.6	19.8
SLAVE POINT K	101.0	0.22		22.2		22.2	20.1	2.1
SLAVE POINT L	79.7	<0.01		0.2		0.2	0.2	
GILWOOD A	134.0	<0.03		3.4		3.4	3.4	
GILWOOD D	388.0	0.20		77.6		77.6	37.1	40.5
GILWOOD E	755.0	0.25		189.0		189.0	127.2	61.8
GILWOOD G	238.0	<0.14		33.0		33.0	33.0	
GILWOOD H	440.0	0.35		154.0		154.0	113.8	40.2
GILWOOD I	15.8	<0.02		0.3		0.3	0.3	
GILWOOD J	1 267.0	0.25		317.0		317.0	182.4	134.6
GILWOOD K	193.0	0.30		57.9		57.9	54.2	3.7
GILWOOD L	48.1	<0.05		2.2		2.2	2.2	
GILWOOD M	1 110.0	0.25		278.0		278.0	208.8	69.2
GILWOOD N	98.4	<0.09		8.2		8.2	8.2	
GILWOOD O	157.0	0.25		39.3		39.3	27.2	12.1
GILWOOD P	296.0	0.15		44.4		44.4	20.1	24.3
GILWOOD R	147.0	0.25		36.8		36.8	9.4	27.4
GILWOOD S	103.0	0.25		25.8		25.8	23.7	2.1
GILWOOD T	109.0	0.14		15.3		15.3	5.1	10.2
GILWOOD U	302.0	0.25		75.5		75.5	38.2	37.3
GILWOOD V	81.9	0.25		20.5		20.5	5.1	15.4
GILWOOD W	225.0	0.35		78.8		78.8	73.3	5.5
GILWOOD X	132.0	0.20		26.4		26.4	7.9	18.5
GILWOOD Y	143.0	0.25		35.8		35.8	27.5	8.3
GILWOOD Z	177.0	0.09		15.9		15.9	3.2	12.7
GILWOOD AA	89.0	0.25		22.3		22.3	11.6	10.7
GILWOOD BB	65.8	0.10		6.6		6.6	2.6	4.0
GILWOOD CC	105.0	0.25		26.3		26.3	4.9	21.4
GRANITE WASH A	72.7	<0.01		0.2		0.2	0.2	
GRANITE WASH B	198.0	<0.02		3.6		3.6	3.5	0.1
GRANITE WASH C	65.0	<0.02		0.8		0.8	0.8	
GRANITE WASH D	47.7	0.10		4.8		4.8	4.8	
GRANITE WASH E	46.2	<0.01		0.2		0.2	0.2	
GRANITE WASH F	86.9	<0.03		2.4		2.4	2.4	

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	5.90	0.160	0.30	0.85	59	870	45	10 379	-635.8	1 472.3	1985	1996-06
64	2.00	0.170	0.31	0.85	58	853	47	10 368	-605.3	1 475.2	1980	1991-09 GPP
16	3.30	0.190	0.35	0.89	62	854	39	10 111	-542.0	1 348.4	1987	1996-06
64	2.96	0.170	0.27	0.85	59	860	47	10 493	-570.6	1 392.8	1994	1995-08 GPP
32	1.50	0.170	0.32	0.85	53	859	51	9 775	-574.8	1 395.3	1995	1995-07 GPP
32	2.70	0.200	0.26	0.85	54	838	50	9 847	-579.3	1 418.0	1995	1996-03 GPP
64	1.50	0.150	0.40	0.85	55	883	49	10 012	-550.7	1 351.8	1994	1996-02 GPP
64	3.00	0.170	0.18	0.89	46	849	39			1 418.0	1996	1998-06 GPP
64	5.86	0.190	0.30	0.85	58	892	48	10 318	-635.4	1 451.1	1959	1986-12 GPP
65	1.52	0.180	0.25	0.86	51	892	49	10 845	-647.7	1 487.7	1965	1987-12 GPP
128	1.72	0.130	0.34	0.84	62	876	56	10 922	-697.1	1 571.4	1977	1996-06 GPP
64	1.98	0.150	0.32	0.85	62	881	49	11 366	-694.3	1 570.3	1977	1996-06 GPP
128	6.13	0.200	0.20	0.85	70	861	60	10 351	-662.6	1 491.3	1971	1987-11 GPP
64	3.30	0.100	0.50	0.84	60	861	61	10 341	-658.6	1 509.2	1981	1996-06 GPP
16	3.20	0.170	0.33	0.85	56	873	50	8 445	-675.1	1 502.6	1986	1996-06
64	1.00	0.120	0.50	0.85	49	860	45	8 922	-675.2	1 514.5	1987	1993-04 ABAND 1992
16	1.60	0.120	0.30	0.85	52	869	47	9 580	-667.3	1 494.8	1986	1996-06
64	1.70	0.145	0.29	0.87	47	868	62	9 831	-662.6	1 510.9	1988	1988-08 GPP
16	1.50	0.140	0.47	0.80	79	877	56	9 886	-669.9	1 513.1	1988	1996-06 GPP
32	12.19	0.054	0.40	0.86	62	870	54	10 118	-606.0	1 421.3	1965	1994-12 GPP
64	17.00	0.050	0.30	0.80	91	813	52	10 480	-657.6	1 476.9	1979	1985-12 ABAND 1987
64	10.50	0.050	0.30	0.86	58	859	40	10 403	-576.3	1 417.1	1981	1982-04 ABAND 1989
32	2.70	0.070	0.20	0.80	79	877	55	9 674	-766.0	1 651.8	1981	1996-06 GPP
1 762					16	830	64	17 450	-1 118.2	1 769.8	1983	1997-12
810	7.03	0.086	0.33	0.92								
952	10.46	0.086	0.33	0.92								
640	7.28	0.084	0.37	0.90	30	851	54	17 381	-1 127.6	1 795.0	1980	1995-12 GPP
64	5.76	0.091	0.40	0.90	15	854	65	16 753	-1 134.9	1 825.5	1984	1987-12 GPP
64	12.60	0.095	0.32	0.90	28	850	56	17 013	-1 126.0	1 796.5	1984	1996-08 GPP
16	6.70	0.080	0.50	0.93	15	835	65	15 839	-1 133.1	1 799.0	1984	1996-06 GPP
64	4.10	0.079	0.37	0.90	30	850	54	17 182	-1 123.2	1 784.0	1985	1995-12 GPP
64	11.40	0.100	0.55	0.89	34	838	50	17 973	-1 155.0	1 865.8	1985	1988-12 ABAND 1991
128	7.52	0.070	0.38	0.90	29	843	64	17 581	-1 141.7	1 815.2	1981	1997-03 GPP
32	7.70	0.080	0.43	0.90	30	865	54	17 601	-1 144.2	1 826.4	1982	1998-11 GPP
64	1.30	0.150	0.29	0.90	30	839	57	17 820	-1 186.5	1 893.9	1985	1989-12 ABAND 1991
128	1.76	0.110	0.35	0.83	58	841	60	18 307	-1 152.2	1 822.3	1980	1985-02
128	2.88	0.160	0.27	0.90	26	841	65	17 673	-1 153.6	1 803.1	1983	1998-08 GPP
354	2.20	0.160	0.27	0.83	56	847	71	18 741	-1 151.9	1 811.3	1983	1998-11 GPP
32	6.40	0.200	0.30	0.83	62	847	57	18 685	-1 143.4	1 794.3	1984	1996-06 GPP
192	2.11	0.170	0.23	0.83	43	847	56	18 500	-1 168.6	1 844.7	1989	1997-12
64	0.50	0.080	0.29	0.87	43	847	54	16 544	-1 156.5	1 830.5	1984	1988-12 ABAND 1995
502	2.70	0.150	0.30	0.89	31	836	59	18 758	-1 177.1	1 866.5	1984	1997-02
64	3.50	0.150	0.30	0.82	64	850	63	18 766	-1 203.5	1 908.8	1984	1997-12 GPP
64	1.10	0.120	0.36	0.89	57	836	64	18 523	-1 171.6	1 827.3	1990	1994-04
406	2.53	0.180	0.31	0.87	44	840	60	11 046	-1 164.4	1 826.8	1990	1993-12
64	1.70	0.160	0.35	0.87	43	847	56	18 505	-1 169.7	1 849.2	1984	1996-06
64	2.00	0.190	0.22	0.83	65	822	49	12 946	-1 187.3	1 888.8	1991	1991-08
64	4.90	0.150	0.25	0.84	58	831	64	11 847	-1 171.3	1 832.4	1991	1998-10
64	2.80	0.170	0.45	0.88	36	845	42	11 780	-1 178.2	1 869.3	1992	1992-07
64	1.60	0.150	0.25	0.89	52	829	62	12 953	-1 188.1	1 876.3	1992	1993-03
64	2.30	0.150	0.41	0.84	58	831	64	9 526	-1 208.4	1 928.9	1992	1996-08
64	4.00	0.190	0.26	0.84	58	831	64	9 017	-1 189.2	1 891.5	1993	1994-01
64	1.30	0.200	0.40	0.82	52	829	64	9 013	-1 175.5	1 855.9	1993	1994-02
64	4.80	0.130	0.32	0.83	43	847	56	13 957	-1 171.9	1 839.8	1990	1997-12
64	2.90	0.130	0.35	0.84	58	831	64	19 160	-1 221.5	1 954.0	1992	1998-07 GPP
64	3.19	0.160	0.48	0.84	58	831	64	10 900	-1 176.2	1 871.5	1992	1992-12
64	3.40	0.150	0.34	0.82	52	829	64	18 456	-1 206.8	1 928.7	1994	1996-08
32	3.00	0.160	0.31	0.84	58	831	64	10 773	-1 194.3	1 898.2	1995	1996-03
64	1.20	0.150	0.32	0.84	58	831	64	17 918	-1 201.3	1 934.4	1995	1996-02 GPP
64	2.00	0.150	0.35	0.84	60	844	58			1 887.7	1997	1997-12
64	1.50	0.150	0.42	0.87	43	854	55	19 105	-1 169.8	1 836.7	1984	1984-11 ABAND 1984
64	3.30	0.200	0.46	0.87	42	835	56	18 477	-1 197.2	1 876.7	1984	1988-12
64	1.20	0.130	0.25	0.87	42	835	56	19 114	-1 158.7	1 826.6	1984	1988-12
32	1.70	0.180	0.44	0.87	39	845	65	17 322	-1 167.7	1 838.2	1984	1996-06 GPP
32	1.70	0.150	0.35	0.87	41	870	66	18 376	-1 184.2	1 864.7	1990	1991-04 ABAND 1990
64	2.00	0.120	0.35	0.87	40	845	60	18 650	-1 207.6	1 906.7	1982	1992-08 ABAND 1990

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
GIFT 079-11W5 (CONTINUED) FIELD TOTAL	19 511.1			3 023.6	1 179.0	4 202.6	2 691.4	* 1 511.2
GILBY 041-03W5								
BELLY RIVER A	286.0	0.07		20.0		20.0	19.1	0.9
BELLY RIVER B	685.0	0.08		54.8		54.8	50.2	4.6
BELLY RIVER C	121.0	<0.01		1.1		1.1	1.1	
BELLY RIVER E	214.0	0.07		15.0		15.0	14.5	0.5
CARDIUM A	295.0	0.20		59.0		59.0	33.6	25.4
SECOND WHITE	1 516.0	0.30		455.0		455.0	288.5	166.5
SPECKS A								
SECOND WHITE	57.5	<0.03		1.6		1.6	1.6	
SPECKS B								
SECOND WHITE	455.0	0.04		18.2		18.2	12.1	6.1
SPECKS C								
SECOND WHITE	208.0	0.08		16.6		16.6	13.5	3.1
SPECKS D								
SECOND WHITE	71.2	0.02		1.4		1.4	0.8	0.6
SPECKS E								
SECOND WHITE	118.0	<0.08		8.8		8.8	5.9	2.9
SPECKS F								
VIKING A TOTAL	7 041.0			1 469.0	1 224.0	2 693.0	2 627.8	65.2
PRIMARY AREA	921.0	0.20		184.0		184.0		
WATER FLOOD AREA	6 120.0	0.21	0.20	1 285.0	1 224.0	2 509.0		
VIKING B TOTAL	1 539.0			441.0	183.0	624.0	601.2	22.8
PRIMARY AREA	133.0	0.25		33.3		33.3		
WATER FLOOD AREA	1 406.0	0.29	0.13	408.0	183.0	591.0		
VIKING C	229.0	<0.16		34.7		34.7	34.7	
VIKING F	99.8	0.15		15.0		15.0	12.8	2.2
VIKING G	61.5	<0.02		0.9		0.9	0.9	
VIKING H	19.8	0.02		0.4		0.4	0.4	
VIKING J	74.5	<0.01		0.2		0.2	0.2	
VIKING K	50.3	0.13		6.5		6.5	6.5	
VIKING L	32.1	<0.03		0.8		0.8	0.8	
UPPER MANNVILLE J	4 720.0			472.0	488.0	960.0	759.3	200.7
TOTAL								
PRIMARY AREA	1 470.0	0.10		147.0		147.0		
WATER FLOOD AREA	3 250.0	0.10	0.15	325.0	488.0	813.0		
UPPER MANNVILLE K	821.0			122.0	120.0	242.0	84.5	157.5
TOTAL								
PRIMARY AREA	20.8	0.10		2.1		2.1		
WATER FLOOD AREA	800.0	0.15	0.15	120.0	120.0	240.0		
UPPER MANNVILLE L	64.2	<0.03		1.9		1.9	1.9	
UPPER MANNVILLE M	457.0	0.05		22.9		22.9	15.1	7.8
UPPER MANNVILLE Q	48.9	0.15		7.3		7.3	0.2	7.1
UPPER MANNVILLE N & BASAL MANNVILLE DDD	120.0	0.15		18.0		18.0	11.7	6.3
BASAL MANNVILLE B	8 718.0			953.0	345.0	1 298.0	1 239.6	58.4
TOTAL								
PRIMARY AREA	2 968.0	0.05		148.0		148.0		
WATER FLOOD AREA	5 750.0	0.14	0.06	805.0	345.0	1 150.0		
BASAL MANNVILLE G	76.6	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE Q	103.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE R	1 700.0	0.10		170.0		170.0	104.6	65.4
BASAL MANNVILLE S	493.0	0.07		34.5		34.5	34.4	0.1
BASAL MANNVILLE X	376.0	<0.01		1.7		1.7	1.7	
BASAL MANNVILLE Y	93.6	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE AA	93.0	0.02		1.9		1.9	1.9	
BASAL MANNVILLE BB	133.0	<0.09		10.9		10.9	10.9	
BASAL MANNVILLE DD	105.0	0.10		10.5		10.5	5.0	5.5
BASAL MANNVILLE EE	283.0	0.05		14.2		14.2	3.9	10.3
BASAL MANNVILLE GG	186.0	0.02		3.7		3.7	3.4	0.3
BASAL MANNVILLE HH	62.8	<0.02		1.1		1.1	1.1	
BASAL MANNVILLE PP	102.0	0.10		10.2		10.2	3.4	6.8
BASAL MANNVILLE UU	624.0	0.10		62.4		62.4	18.0	44.4
BASAL MANNVILLE VV	29.7	<0.03		0.6		0.6	0.6	
BASAL MANNVILLE II & JJ	331.0	0.10		33.1		33.1	3.6	29.5
BASAL MANNVILLE A & JURASSIC D	6 000.0	0.10		600.0		600.0	478.5	121.5
MANN,JUR & RUN MU #1	1 292.0	0.06		77.5		77.5	65.5	12.0
BASAL MANNVILLE AAA	118.0	0.10		11.8		11.8	4.0	7.8

9	10	11	12	13	14	15	16	17	18	19	20	21	
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS	
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB			
129	3.57	0.183	0.60	0.85	57	820	38	7 193	-328.6	1 282.8	1963	1975-12	GPP
192	4.27	0.150	0.36	0.87	51	820	46	7 301	-367.5	1 393.9	1965	1998-11	GPP
16	6.40	0.200	0.32	0.87	68	820	33	7 318	-336.5	1 299.3	1979	1992-11	ABAND 1985
64	4.96	0.136	0.43	0.87	58	836	29	7 310	-343.9	1 307.6	1979	1989-12	GPP
417	1.85	0.080	0.37	0.76	106	811	63	17 884	-726.6	1 677.2	1962	1996-08	GPP
192	14.06	0.080	0.10	0.78	96	834	64	21 592	-863.6	1 815.9	1989	1994-12	GPP
16	5.60	0.170	0.41	0.64	170	827	50	21 429	-840.1	1 787.0	1980	1996-06	ABAND 1996
64	15.40	0.080	0.25	0.77	96	826	64	18 064	-853.5	1 800.7	1991	1996-08	GPP
32	14.10	0.080	0.25	0.77	96	826	64	20 097	-827.9	1 768.8	1959	1995-11	GPP
16	11.60	0.060	0.17	0.77	96	826	64	20 745	-893.7	1 852.3	1977	1998-11	GPP
8	18.30	0.140	0.25	0.77	96	826	64	13 713	-839.1	1 795.3	1963	1998-11	GPP
6 630					55	834	62	9 301	-823.4	1 753.4	1953	1997-12	GPP
1 024	1.81	0.092	0.35	0.83									
5 606	1.86	0.104	0.32	0.83									
2 451					92	839	68	17 935	-993.4	1 951.4	1961	1991-12	GPP
181	2.00	0.070	0.32	0.77									
2 270	1.62	0.073	0.32	0.77									
255	1.16	0.140	0.29	0.78	92	839	66	17 500	-932.3	1 906.9	1956	1998-11	GPP
128	1.35	0.110	0.30	0.75	110	849	66	10 994	-1 015.1	1 973.7	1974	1988-12	GPP
65	1.22	0.140	0.29	0.78	92	849	62	14 626	-905.6	1 908.1	1976	1983-12	ABAND 1995
64	2.50	0.030	0.45	0.75	100	818	83	15 065	-970.7	1 917.6	1980	1982-07	ABAND 1987
64	1.80	0.110	0.30	0.84	58	834	63	12 900	-864.6	1 831.1	1985	1989-12	ABAND 1990
64	1.80	0.070	0.20	0.78	90	837	72	10 277	-1 049.8	2 044.9	1985	1994-11	GPP
64	0.80	0.105	0.35	0.92	49	850	60	8 427	-792.2	1 671.6	1985	1991-10	ABAND 1990
734					90	886	66	16 309	-929.8	1 841.8	1992	1995-02	
277	6.74	0.120	0.19	0.81									
457	9.03	0.120	0.19	0.81									GPP
156					110	869	62	15 209	-894.3	1 824.2	1992	1998-09	
8	3.60	0.110	0.18	0.80									
148	6.70	0.120	0.16	0.80									GPP
16	4.60	0.130	0.15	0.79	90	900	69	15 731	-950.0	1 855.8	1992	1994-11	ABAND 1994
64	8.08	0.130	0.14	0.79	90	886	66	15 745	-903.3	1 818.9	1993	1998-11	GPP
64	1.00	0.110	0.21	0.88	46	882	58	-1 040.1	2 026.3	1996	1997-04		
32	4.30	0.130	0.15	0.79	91	891	68	15 296	-905.5	1 827.2	1993	1994-02	GPP
1 283					71	892	69	15 900	-1 195.6	2 144.4	1957	1991-12	GPP
575	6.06	0.140	0.22	0.78									
708	9.40	0.142	0.22	0.78									
65	2.13	0.100	0.30	0.79	91	892	53	15 330	-1 073.7	2 033.5	1966	1968-02	ABAND 1970
64	1.83	0.140	0.20	0.78	99	904	52	14 846	-1 010.4	1 887.0	1974	1975-12	ABAND 1976
128	13.84	0.136	0.15	0.83	66	887	60	14 399	-1 185.7	2 135.9	1976	1996-12	GPP
128	5.20	0.130	0.27	0.78	98	829	56	15 564	-1 007.5	1 907.1	1971	1981-12	GPP
64	9.50	0.110	0.28	0.78	180	889	52	17 147	-1 266.3	2 192.3	1979	1979-08	
64	2.10	0.130	0.33	0.80	87	890	79	18 656	-1 159.4	2 126.4	1981	1984-01	ABAND 1984
64	1.90	0.140	0.30	0.78	95	898	59	18 319	-1 103.0	2 089.0	1986	1994-11	ABAND 1993
64	2.35	0.135	0.16	0.78	87	890	76	18 489	-1 107.9	2 094.1	1979	1995-04	ABAND 1995
64	2.80	0.100	0.23	0.76	100	859	67	14 275	-1 041.0	1 990.8	1971	1988-01	GPP
32	12.10	0.120	0.22	0.78	90	892	69	15 937	-1 195.8	2 159.1	1987	1991-12	
64	4.14	0.130	0.22	0.69	135	812	66	14 786	-1 153.3	2 114.7	1987	1998-11	GPP
16	6.00	0.120	0.31	0.79	91	890	68	15 727	-1 004.2	1 914.0	1988	1996-06	GPP
64	1.70	0.140	0.14	0.78	91	879	69	15 980	-955.5	1 865.9	1992	1992-12	GPP
96	6.84	0.140	0.13	0.78	91	879	69	15 723	-930.4	1 845.1	1993	1995-07	
16	2.80	0.120	0.30	0.79	91	891	68	15 506	-1 086.9	2 084.4	1992	1996-06	GPP
64	5.50	0.140	0.20	0.84	61	866	70			1 896.3	1997	1998-05	GPP
908	5.72	0.190	0.24	0.80	80	887	71	13 835	-1 194.9	2 155.7	1973	1995-09	GPP
192	7.70	0.140	0.22	0.80	86	892	71	16 029	-1 165.6	2 125.2	1955	1998-12	GPP
64	2.50	0.120	0.26	0.83	90	900	55	15 783	-971.9	1 888.0	1994	1995-08	GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
GILBY 041-03W5 (CONTINUED)								
BASAL MANNVILLE LLL	76.3	0.15		11.4		11.4	1.2	* 10.2
BASAL MANNVILLE ODD	27.5	0.10		2.8		2.8	0.9	1.9
BASAL MANNVILLE RRR	105.0	0.15		15.8		15.8	3.9	11.9
JURASSIC B TOTAL	12 340.0			1 465.0	2 196.0	3 661.0	3 157.2	503.8
PRIMARY AREA	138.0	<0.01		0.7		0.7		
WATER FLOOD AREA	12 200.0	0.12	0.18	1 464.0	2 196.0	3 660.0		
JURASSIC F	1 654.0	0.15	0.18	248.0	298.0	546.0	519.5	26.5
WATER FLOOD								
JURASSIC P	435.0	0.20		87.0		87.0	31.1	55.9
JURASSIC Q	171.0	0.05		8.6		8.6	7.9	0.7
JURASSIC T	84.9	<0.03		2.4		2.4	2.4	
JURASSIC U	115.0	0.15		17.3		17.3	0.3	17.0
JURASSIC S &	105.0	0.10		10.5		10.5	0.8	9.7
RUNDLE W								
RUNDLE B	175.0	<0.02		2.1		2.1	2.0	0.1
RUNDLE E	138.0	0.10		13.8		13.8	10.4	3.4
RUNDLE L	300.0	<0.02		5.4		5.4	5.4	
RUNDLE M	135.0	<0.01		0.1		0.1	0.1	
RUNDLE N	67.4	<0.01		0.1		0.1	0.1	
RUNDLE O	156.0	<0.06		8.2		8.2	8.2	
RUNDLE R	2 000.0	0.05		100.0		100.0	30.4	69.6
RUNDLE S	583.0	<0.01		0.8		0.8	0.8	
RUNDLE V	161.0	0.05		8.1		8.1	0.2	7.9
BANFF A	188.0	<0.01		0.1		0.1	0.1	
NISKU A	121.0	<0.02		1.3		1.3	1.3	
NISKU B	100.0	<0.03		2.7		2.7	2.7	
NISKU C	136.0	<0.12		15.4		15.4	15.4	
NISKU D	129.0	<0.03		2.9		2.9	2.9	
D-3 A	169.0	<0.01		1.5		1.5	1.5	
D-3 B	228.0	0.20		45.6		45.6	5.5	40.1
FIELD TOTAL *	60 224.6			7 338.9	4 854.0	12 192.9	10 392.0	1 800.9
GILWOOD 073-18W5								
GILWOOD A	442.0	0.25		111.0		111.0	105.9	5.1
GILWOOD B	144.0	<0.16		21.7		21.7	21.7	
GILWOOD C	217.0	0.25		54.2		54.2	21.6	32.6
GILWOOD D	110.0	<0.02		1.3		1.3	1.3	
GILWOOD E	254.0	0.20		50.8		50.8	29.9	20.9
GILWOOD F	353.0	0.30		106.0		106.0	44.4	61.6
GILWOOD G	73.8	<0.02		1.3		1.3	1.3	
GILWOOD H	120.0	0.12		14.4		14.4	13.3	1.1
GILWOOD I	146.0	0.20		29.2		29.2	9.6	19.6
FIELD TOTAL	1 859.8			389.9		389.9	249.0	140.9
GIROUX LAKE 066-21W5								
VIKING A WATER FLOOD	843.0	<0.19	0.14	155.0	118.0	273.0	250.7	22.3
VIKING D	270.0	0.10		27.0		27.0	25.2	1.8
VIKING F WATER FLOOD	819.0	0.20	0.12	164.0	98.3	262.0	43.6	218.4
GETHING A	140.0	<0.01		1.3		1.3	1.3	
GETHING C	113.0	<0.04		4.1		4.1	4.1	
FIELD TOTAL	2 185.0			351.4	216.3	567.4	324.9	242.5
GIROUXVILLE EAST 076-22W5								
DEBOLT B	225.0	<0.05		9.4		9.4	9.4	
DEBOLT C	139.0	0.17		23.6		23.6	21.9	1.7
WABAMUN A	399.0	<0.01		2.2		2.2	2.2	
BEAVERHILL LAKE A	65.4	0.15		9.8		9.8	2.0	7.8
GILWOOD A	111.0	0.15		16.7		16.7	10.8	5.9
GILWOOD B	200.0	0.40		80.0		80.0	65.4	14.6
GILWOOD C	118.0	<0.05		5.0		5.0	5.0	
GRANITE WASH A	217.0	0.30		65.1		65.1	60.5	4.6
FIELD TOTAL	1 474.4			211.8		211.8	177.2	34.6
GLADYS 020-27W4								
VIKING A	147.0	0.05		7.4		7.4	1.7	5.7
UPPER MANNVILLE A	92.2	0.05		4.6		4.6	1.1	3.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.30	0.140	0.16	0.78	102	845	63		-930.2	1 850.6	1997	1998-11 GPP
64	0.70	0.100	0.26	0.83	69	895	72			1 869.7	1997	1998-02
64	1.50	0.160	0.12	0.78	98	882	70			2 093.0	1997	1998-05
1 893					86	887	71	16 164	-1 200.1	2 144.6	1958	1997-05
64	3.06	0.110	0.20	0.80								
1 829	6.10	0.167	0.22	0.80								GPP
390	4.24	0.146	0.25	0.80	90	887	66	16 049	-1 211.9	2 164.8	1961	1998-12 GPP
60	8.20	0.140	0.20	0.79	91	891	68	15 326	-1 207.6	2 172.6	1989	1996-03 GPP
69	2.09	0.200	0.26	0.80	83	897	70	8 836	-1 196.0	2 148.9	1991	1992-06 GPP
16	6.00	0.130	0.15	0.80	90	891	79	16 151	-1 255.1	2 301.2	1992	1996-06
32	4.00	0.140	0.20	0.80	83	897	70	15 674	-1 063.7	2 014.5	1995	1997-10
32	8.30	0.060	0.19	0.81	74	893	73	16 170	-1 009.7	1 946.3	1996	1997-05
101	4.79	0.062	0.28	0.81	86	898	71	16 209	-1 212.7	2 148.1	1958	1964-04
32	6.83	0.100	0.22	0.81	73	898	71	16 121	-1 230.9	2 178.2	1962	1995-12
65	7.62	0.100	0.25	0.81	71	898	73	16 209	-1 212.8	2 154.9	1974	1988-12
64	4.80	0.068	0.20	0.81	74	881	62	15 480	-1 068.9	2 027.5	1976	1982-12
64	2.50	0.080	0.35	0.81	74	881	66	15 994	-1 269.7	2 275.8	1979	1988-12
32	8.00	0.100	0.25	0.81	116	887	54	21 151	-1 285.5	2 251.8	1979	1996-06
561	7.76	0.070	0.19	0.81	80	894	71	17 000	-1 301.1	2 279.2	1991	1997-07
50	25.00	0.080	0.28	0.81	71	894	71	18 925	-276.7	1 322.8	1992	1996-06
32	8.90	0.100	0.30	0.81	71	894	71	16 456	-1 181.2	2 143.0	1995	1996-04
64	5.00	0.120	0.30	0.70	150	753	57	16 229	-1 112.6	2 075.0	1984	1985-07
64	9.00	0.050	0.40	0.70	177	817	51	18 568	-1 478.9	2 478.5	1979	1983-12
16	20.00	0.053	0.18	0.72	120	830	82	18 216	-1 426.3	2 394.5	1984	1996-06
32	15.40	0.050	0.20	0.69	125	815	80	18 847	-1 447.0	2 383.7	1988	1994-10
32	12.00	0.060	0.20	0.70	143	823	67	18 439	-1 459.4	2 437.0	1990	1997-12
64	7.50	0.070	0.25	0.67	59	806	83	11 225	-1 507.3	2 475.5	1984	1988-12
64	8.70	0.070	0.26	0.79	69	809	84	11 184	-1 558.6	2 525.7	1984	1997-01 GPP
243	2.13	0.150	0.36	0.89	36	834	86	26 072	-1 792.5	2 471.3	1954	1996-08 GPP
32	6.00	0.140	0.40	0.89	36	838	86	25 796	-1 809.6	2 524.6	1984	1996-06 GPP
64	4.70	0.133	0.39	0.89	36	834	86	26 521	-1 808.6	2 534.5	1987	1987-09 GPP
64	3.03	0.107	0.39	0.87	38	840	64	26 360	-1 825.1	2 558.3	1985	1992-10
128	2.62	0.147	0.42	0.89	36	935	86	25 543	-1 769.3	2 425.6	1987	1989-03 GPP
128	3.51	0.140	0.37	0.89	36	835	86	25 732	-1 771.2	2 431.7	1988	1988-08 GPP
64	1.80	0.144	0.50	0.89	36	835	86	25 425	-1 767.1	2 442.1	1988	1992-06
64	2.50	0.140	0.40	0.89	36	834	26	25 063	-1 793.7	2 457.6	1995	1998-11
64	2.30	0.180	0.38	0.89	36	834	86	25 433	-1 769.3	2 432.8	1995	1996-02 GPP
646	1.61	0.138	0.30	0.84	71	834	56	11 726	-627.0	1 385.8	1964	1991-06 GPP
192	1.33	0.200	0.37	0.84	71	834	56	11 123	-625.4	1 329.5	1985	1988-06 GPP
280	2.24	0.210	0.26	0.84	63	832	54	11 681	-610.2	1 337.8	1996	1998-11 GPP
64	2.50	0.130	0.25	0.90	29	927	59	15 462	-961.7	1 691.4	1979	1979-11
64	1.85	0.160	0.32	0.88	50	922	71	15 853	-1 008.1	1 741.4	1978	1988-12
64	3.80	0.160	0.35	0.89	38	826	41	9 309	-459.3	1 118.9	1982	1994-02
100	1.80	0.150	0.42	0.89	38	826	41	9 379	-471.9	1 077.5	1988	1997-12
16	33.83	0.100	0.10	0.82	67	836	62	22 708	-1 326.3	1 902.7	1958	1996-12
64	1.60	0.110	0.30	0.83	53	843	88	23 558	-1 831.6	2 400.7	1993	1994-01
32	3.59	0.158	0.31	0.89	42	831	66	26 778	-1 876.0	2 444.8	1987	1997-12
64	4.30	0.132	0.36	0.86	40	827	78	27 153	-1 897.3	2 459.5	1988	1997-12
64	2.35	0.150	0.40	0.87	39	813	77	26 747	-1 895.6	2 451.6	1990	1994-12
70	3.80	0.180	0.48	0.87	36	820	76	26 704	-1 871.4	2 445.4	1985	1998-12
32	6.00	0.150	0.42	0.88	49	851	49			1 726.0	1996	1998-12
64	2.00	0.120	0.25	0.80	80	852	48	17 339	-931.1	2 023.5	1979	1996-11

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
GLADYS 020-27W4 (CONTINUED)								
LOWER MANNVILLE A	2 708.0	<0.03		60.0		60.0	59.0	1.0
LOWER MANNVILLE D	99.7	0.05		5.0		5.0	3.9	1.1
LOWER MANNVILLE E	20.6	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE G	216.0	0.05		10.8		10.8	1.1	9.7
LOWER MANNVILLE H	54.0	0.15		8.1		8.1	1.1	7.0
LOWER MANNVILLE I	324.0	0.05		16.2		16.2	0.9	15.3
LOWER MANNVILLE B&C	77.6	<0.01		0.4		0.4	0.4	
DETRITAL A	138.0	<0.02		2.6		2.6	2.6	
RUNDLE C	722.0	0.25		181.0		181.0	161.3	19.7
RUNDLE E	419.0	<0.01		0.2		0.2	0.2	
RUNDLE F	188.0	0.05		9.4		9.4	1.0	8.4
RUNDLE G	252.0	0.10		25.2		25.2	6.0	19.2
TURNER VALLEY D	104.0	0.15		15.6		15.6	0.4	15.2
FIELD TOTAL *	5 562.1			346.7		346.7	240.9	105.8
GLEICHEN 022-21W4								
UPPER MANNVILLE A	47.2	<0.03		1.1		1.1	1.1	
UPPER MANNVILLE B	44.1	0.04		1.8		1.8	1.8	
FIELD TOTAL	91.3			2.9		2.9	2.9	
GLEN PARK 049-27W4								
GLAUCONITIC A	194.0	<0.18		34.5		34.5	34.5	
GLAUCONITIC B	333.0	0.15		50.0		50.0	48.0	2.0
D-2 A	304.0	0.07		21.3		21.3	21.3	
D-3 A	4 664.0	0.72		3 358.0		3 358.0	3 287.8	70.2
D-3 B	167.0	0.50		83.5		83.5	51.7	31.8
FIELD TOTAL	5 662.0			3 547.3		3 547.3	3 443.3	104.0
GOLD CREEK 071-05W6								
GETHING B	58.3	0.10		5.8		5.8	0.2	5.6
CHARLIE LAKE C	84.9	0.17		14.4		14.4	13.3	1.1
CHARLIE LAKE D	45.4	<0.11		4.8		4.8	4.8	
CHARLIE LAKE E	434.0	0.10		43.4		43.4	23.3	20.1
CHARLIE LAKE G	72.1	0.15		10.8		10.8	1.1	9.7
CHARLIE LAKE H	212.0	0.10		21.2		21.2	4.0	17.2
CHARLIE LAKE J	115.0	0.10		11.5		11.5	0.4	11.1
CHARLIE LAKE B & DOIG D	410.0	0.05		20.5		20.5	7.2	13.3
HALFWAY A	38.4	0.10		3.8		3.8	0.3	3.5
DOIG A	38.5	<0.04		1.2		1.2	1.2	
DOIG C	294.0	<0.01		2.7		2.7	2.6	0.1
FIELD TOTAL	1 802.6			140.1		140.1	58.4	81.7
GOLDEN 087-14W5								
SLAVE POINT A	5 000.0	0.58		2 900.0		2 900.0	2 817.6	82.4
SLAVE POINT B	88.0	<0.09		7.9		7.9	7.9	
SLAVE POINT C	139.0	<0.02		2.1		2.1	2.1	
GRANITE WASH A	154.0	<0.06		8.1		8.1	8.1	
FIELD TOTAL	5 381.0			2 918.1		2 918.1	2 835.7	82.4
GOLDEN SPIKE 052-26W4								
BLAIRMORE E	787.0	0.05		39.4		39.4	20.2	19.2
BLAIRMORE L	46.1	0.05		2.3		2.3	1.4	0.9
BLAIRMORE P	145.0	0.10		14.5		14.5	2.4	12.1
UPPER MANNVILLE A	95.8	0.15		14.4		14.4	10.3	4.1
UPPER MANNVILLE C	228.0	0.10		22.8		22.8	15.0	7.8
UPPER MANNVILLE D	189.0	0.12		22.7		22.7	17.2	5.5
D-1 B	99.3	0.10		9.9		9.9	0.9	9.0
D-1 C	119.0	0.05		6.0		6.0	1.0	5.0
D-2 A TOTAL	2 804.0			309.0	131.0	440.0	405.2	34.8
PRIMARY AREA	624.0	0.11		68.6		68.6		
WATER FLOOD AREA	2 180.0	0.11	0.06	240.0	131.0	371.0		
D-2 B	356.0	<0.15		50.0		50.0	50.0	
D-3 A TOTAL	50 180.0			26 580.0	4 070.0	30 650.0	28 852.5	1 797.5
PRIMARY AREA	1,575.0	0.51		293.0		293.0		
SOLVENT FLOOD AREA	0.0			0.0	1 590.0	1 590.0		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
192	22.39	0.120	0.30	0.75	112	849	54	16 860	-965.6	2 050.8	1978	1995-12 GPP
64	2.50	0.140	0.50	0.89	27	910	80	18 178	-962.2	2 029.1	1989	1989-10
16	2.45	0.120	0.40	0.73	118	841	64	16 802	-952.5	2 007.3	1989	1996-06
64	6.50	0.100	0.29	0.73	118	841	64	18 468	-952.1	2 030.8	1995	1997-02
64	1.40	0.110	0.25	0.73	118	841	64	18 526	-958.8	2 015.7	1983	1997-02
128	3.85	0.120	0.27	0.75	123	836	55	17 869	-960.7	2 065.1	1995	1998-06 GPP
64	2.10	0.110	0.30	0.75	112	830	54	16 721	-987.2	2 068.6	1978	1982-12
64	4.00	0.120	0.40	0.75	112	840	54	16 921	-974.3	2 080.1	1978	1997-12
416	3.57	0.090	0.26	0.73	102	849	56	19 232	-974.8	2 066.5	1977	1995-07 GPP
64	12.80	0.120	0.40	0.71	140	820	64	16 232	-916.2	1 988.5	1978	1982-12
16	14.00	0.150	0.31	0.81	91	894	47	15 519	-943.7	2 015.5	1996	1997-12
64	8.90	0.070	0.23	0.82	87	853	55	17 977	-967.3	2 049.3	1996	1997-09
32	12.00	0.060	0.45	0.82	87	852	55			2 068.0	1996	1998-07
64	1.30	0.140	0.50	0.81	82	841	43	10 945	-512.9	1 462.0	1980	1984-12
64	1.70	0.100	0.50	0.81	72	838	43	10 865	-526.2	1 396.4	1979	1989-12
												ABAND 1991
77	2.74	0.149	0.26	0.83	60	881	59	13 240	-652.0	1 407.8	1953	1961-09
82	3.64	0.170	0.20	0.82	44	881	60	7 282	-663.2	1 428.8	1965	1984-12
239	4.63	0.047	0.20	0.73	113	820	67	13 340	-932.2	1 691.2	1952	GPP
173	39.32	0.097	0.07	0.76	106	834	74	15 506	-1 152.2	1 909.7	1951	1964-04
12	20.80	0.110	0.20	0.76	99	836	74	15 406	-1 159.2	1 907.6	1983	GPP
												1973-05
												GPP
16	5.00	0.130	0.29	0.79	97	869	69	18 327	-1 329.5	1 994.1	1993	1994-07
64	3.00	0.080	0.30	0.79	100	795	75	19 600	-1 457.5	2 185.0	1984	1997-12
16	3.89	0.125	0.27	0.80	100	827	74	20 525	-1 485.0	2 143.0	1985	GPP
64	7.20	0.150	0.14	0.73	114	816	85	17 989	-1 311.8	1 961.0	1990	1998-11
64	1.50	0.130	0.32	0.85	170	832	53	18 184	-1 313.4	1 960.1	1994	GPP
64	4.00	0.150	0.30	0.79	101	827	75	19 753	-1 466.6	2 178.5	1994	1995-05
64	1.50	0.180	0.16	0.79	100	827	75		-1 272.7	1 919.3	1997	GPP
64	5.90	0.160	0.15	0.80	100	815	75	19 464	-1 439.7	2 109.0	1983	1998-09
												1993-11
16	2.00	0.180	0.11	0.75	210	831	65	18 451	-1 386.5	2 048.0	1995	GPP
32	1.80	0.110	0.24	0.80	78	820	74	21 083	-1 497.9	2 155.9	1985	1996-03
64	8.97	0.100	0.36	0.80	68	824	74	19 459	-1 458.3	2 163.4	1984	GPP
												1998-11
												GPP
1 497	6.01	0.086	0.29	0.91	32	829	38	16 752	-986.7	1 596.4	1971	1994-12
16	8.50	0.090	0.21	0.91	30	829	38	15 823	-996.0	1 581.3	1983	GPP
64	6.76	0.060	0.42	0.92	30	829	38	15 999	-994.4	1 584.7	1989	1996-06
32	5.80	0.112	0.23	0.96	35	835	40	16 504	-970.0	1 560.4	1971	1994-09
												ABAND 1993
												1996-04
												ABAND 1995
64	12.40	0.130	0.07	0.82	70	845	51	10 325	-616.8	1 325.5	1989	1990-08
16	3.60	0.130	0.25	0.82	70	845	51	15 326	-619.8	1 330.9	1959	GPP
64	2.00	0.180	0.24	0.83	83	827	54	8 419	-603.1	1 312.4	1996	1997-02
32	3.60	0.160	0.35	0.80	60	905	50	11 352	-555.4	1 269.5	1976	GPP
64	6.50	0.120	0.45	0.83	58	881	45	11 946	-592.4	1 300.8	1983	1996-12
64	3.70	0.148	0.35	0.83	82	882	57	12 006	-620.2	1 326.7	1985	GPP
32	6.60	0.080	0.30	0.84	61	839	54			1 386.0	1996	1998-01
32	8.22	0.090	0.40	0.84	61	839	54	10 567	-685.7	1 397.0	1996	1997-03
769					87	839	61	12 422	-831.7	1 543.7	1952	GPP
160	12.66	0.052	0.21	0.75								1996-09
609	9.85	0.057	0.15	0.75								GPP
173	3.93	0.078	0.14	0.78	87	839	61	12 395	-847.5	1 556.2	1951	1996-06
614					70	839	60	14 583	-1 011.7	1 724.6	1949	GPP
24	38.71	0.087	0.11	0.80								1993-12

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
GOLDEN SPIKE 052-26W4 (CONTINUED)								
GAS FLOOD AREA	49 600.0	0.53	0.05	26 290.0	2 480.0	28 770.0		*
D-3 B	683.0	0.40		273.0		273.0	272.6	0.4
D-3 C	425.0	0.50		213.0		213.0	205.3	7.7
FIELD TOTAL	56 157.2			27 557.0	4 201.0	31 758.0	29 854.0	1 904.0
GOODWIN 059-13W5								
BASAL QUARTZ A	189.0	0.10		18.9		18.9	15.5	3.4
FIELD TOTAL	189.0			18.9		18.9	15.5	3.4
GOOSE RIVER 067-18W5								
D-2 A	299.0	<0.01		0.9		0.9	0.9	
BEAVERHILL LAKE A	23 190.0			3 710.0	6 251.0	9 961.0	9 622.1	338.9
TOTAL								
SOLVENT FLOOD AREA	13 690.0	0.16	0.29	2 190.0	4 066.0	6 256.0		
WATER FLOOD AREA	9 499.0	0.16	0.23	1 520.0	2 185.0	3 705.0		
BEAVERHILL LAKE B	167.0	0.10		16.7		16.7	13.9	2.8
FIELD TOTAL	23 656.0			3 727.6	6 251.0	9 978.6	9 636.9	341.7
GORDONDALE 079-10W6								
CHARLIE LAKE A	123.0	<0.01		1.1		1.1	1.1	
CHARLIE LAKE B	68.8	<0.01		0.4		0.4	0.4	
CHARLIE LAKE C	187.0	0.10		18.7		18.7	11.1	7.6
CHARLIE LAKE E	67.2	0.10		6.7		6.7	1.2	5.5
HALFWAY A	73.9	<0.04		2.9		2.9	2.9	
HALFWAY B	1 150.0	0.05		57.5		57.5	42.2	15.3
HALFWAY C	2 000.0	0.05		100.0		100.0	75.0	25.0
HALFWAY I	361.0	0.20		72.2		72.2	62.8	9.4
HALFWAY K	3 160.0	0.10		316.0		316.0	219.2	96.8
HALFWAY N	40.2	<0.07		2.6		2.6	2.6	
HALFWAY P	58.3	0.10		5.8		5.8	0.4	5.4
DOIG B	203.0	0.10		20.3		20.3	4.0	16.3
DOIG C	174.0	0.10		17.4		17.4	5.5	11.9
DOIG D	298.0	0.05		14.9		14.9	3.4	11.5
DOIG E	45.0	<0.03		1.1		1.1	1.1	
FIELD TOTAL	8 009.4			637.6		637.6	432.9	204.7
GRAND FORKS 012-13W4								
ARCS B	153.0	0.10		15.3		15.3	4.8	10.5
FIELD TOTAL *	153.0			15.3		15.3	4.8	10.5
GRANDE PRAIRIE 073-06W6								
CHARLIE LAKE B	607.0	0.25		152.0		152.0	92.2	59.8
CHARLIE LAKE C	74.0	0.11		8.1		8.1	7.4	0.7
CHARLIE LAKE D	185.0	<0.01		1.3		1.3	1.3	
CHARLIE LAKE E	206.0	0.20		41.2		41.2	22.5	18.7
CHARLIE LAKE F	216.0	0.10		21.6		21.6	7.6	14.0
CHARLIE LAKE G	173.0	0.10		17.3		17.3	8.6	8.7
CHARLIE LAKE H	135.0	<0.01		0.1		0.1	0.1	
CHARLIE LAKE I	261.0	0.05		13.1		13.1	0.2	12.9
HALFWAY A TOTAL	5 386.0			630.0	195.0	825.0	716.1	108.9
PRIMARY AREA	1 704.0	0.05		90.3		90.3		
GAS FLOOD AREA	3 682.0	0.14	0.05	540.0	195.0	735.0		
HALFWAY F	5.7	<0.06		0.3		0.3	0.3	
HALFWAY H	32.4	<0.09		2.8		2.8	2.8	
HALFWAY I	32.0	0.02		0.6		0.6	0.6	
HALFWAY J	33.1	<0.02		0.4		0.4	0.4	
HALFWAY K	144.0	0.10		14.4		14.4	7.6	6.8
HALFWAY L	37.5	<0.02		0.4		0.4	0.4	
HALFWAY M	50.2	<0.01		0.4		0.4	0.4	
HALFWAY N	42.2	<0.04		1.5		1.5	1.5	
HALFWAY P	177.0	0.05		8.9		8.9	3.0	5.9
HALFWAY R	10.6	<0.03		0.3		0.3	0.3	
HALFWAY T	115.0	0.10		11.5		11.5	2.3	9.2
HALFWAY U	459.0	0.15		68.9		68.9	13.8	55.1
HALFWAY V	1 774.0	0.15		266.0		266.0	40.0	226.0

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
590	135.71	0.087	0.11	0.80								
231	6.10	0.068	0.12	0.81	73	839	77	14 429	-1 099.6	1 810.5	1950	1986-12 GPP
158	5.82	0.068	0.15	0.80	73	839	67	14 569	-1 116.5	1 827.5	1951	1996-12 GPP
64	5.26	0.120	0.40	0.78	90	860	61	13 903	-873.8	1 653.8	1973	1985-11 GPP
65	9.14	0.080	0.15	0.74	113	825	94	28 522	-1 619.2	2 372.4	1965	1971-05 ABAND 1969
3 344					99	820	110	29 335	-2 018.5	2 795.5	1963	1997-02 GPP
1 484	18.77	0.082	0.19	0.74								
1 860	10.39	0.082	0.19	0.74								
130	3.66	0.060	0.24	0.77	99	820	104	36 257	-1 960.8	2 782.8	1965	1997-05 GPP
64	5.10	0.090	0.44	0.75	123	824	58	14 994	-946.6	1 720.6	1988	1988-10 ABAND 1990
32	1.82	0.175	0.10	0.75	123	845	69	13 842	-784.9	1 543.6	1988	1993-12 ABAND 1993
64	3.20	0.140	0.13	0.75	123	827	69	14 468	-821.9	1 597.6	1990	1991-07 GPP
32	3.50	0.100	0.20	0.75	123	825	69			1 665.0	1997	1998-10 GPP
32	4.88	0.090	0.27	0.72	129	815	67	16 789	-932.7	1 747.1	1976	1996-04 ABAND 1996
412	5.80	0.090	0.34	0.81	76	830	66	17 126	-1 050.3	1 819.8	1979	1997-02 GPP
882	4.00	0.100	0.30	0.81	76	832	66	16 795	-1 071.6	1 878.1	1980	1997-02 GPP
128	4.09	0.150	0.37	0.73	175	806	60	15 782	-945.3	1 739.1	1986	1997-12 GPP
2 444	2.12	0.110	0.23	0.72	112	814	70	15 042	-832.4	1 606.9	1984	1995-12 GPP
16	3.50	0.120	0.17	0.72	131	816	60	19 634	-980.3	1 704.3	1994	1998-11 GPP
64	1.30	0.110	0.15	0.75	113	815	70			1 702.6	1997	1998-04
32	9.60	0.100	0.12	0.75	130	787	67	14 132	-880.4	1 655.7	1988	1993-04
32	8.50	0.090	0.10	0.79	75	845	58	18 279	-1 019.9	1 801.0	1988	1995-07 GPP
32	14.50	0.090	0.14	0.83	75	845	58	17 871	-1 011.6	1 735.0	1993	1996-08
16	8.05	0.060	0.29	0.82	75	844	58	17 767	-997.8	1 716.4	1994	1998-11 GPP
32	5.90	0.130	0.23	0.81	83	890	25	13 325	-522.6	1 282.8	1991	1994-09
501	1.34	0.150	0.10	0.67	106	835	74	19 196	-1 217.7	1 932.0	1984	1998-03
64	2.10	0.106	0.20	0.65	168	827	64	19 163	-1 212.5	1 925.5	1979	1997-12 GPP
64	3.90	0.120	0.12	0.70	140	823	68	19 126	-1 207.4	1 947.7	1985	1989-12 ABAND 1993
128	1.94	0.130	0.09	0.70	122	840	72	19 675	-1 290.4	1 961.2	1983	1995-12 GPP
128	2.19	0.120	0.12	0.73	115	820	77	19 144	-1 290.4	1 960.3	1995	1996-05
64	2.20	0.190	0.17	0.78	80	839	63	16 123	-1 118.3	1 834.9	1984	1985-08 GPP
64	3.73	0.110	0.39	0.84	60	825	67	11 765	-1 096.6	1 804.2	1987	1988-06
64	5.20	0.120	0.13	0.75	106	836	74		-1 212.2	1 940.0	1996	1997-06
1 465					129	798	73	17 723	-1 188.4	1 895.4	1982	1990-08
590	4.90	0.100	0.17	0.71								
875	7.00	0.102	0.17	0.71								
32	1.00	0.050	0.50	0.71	129	797	73	15 266	-1 200.0	1 904.6	1983	1996-06 GPP
16	3.81	0.107	0.30	0.71	129	825	73	15 948	-1 210.1	1 921.4	1984	1996-06
16	2.70	0.120	0.13	0.71	129	797	73	16 998	-1 211.5	1 922.8	1985	1994-11
32	2.00	0.090	0.19	0.71	129	807	73	17 562	-1 275.1	1 962.0	1985	1994-02 ABAND 1993
64	4.51	0.110	0.36	0.71	129	797	73	16 425	-1 172.5	1 892.3	1984	1985-08
64	2.00	0.055	0.18	0.65	160	826	65	18 635	-1 262.2	1 988.3	1985	1992-12 ABAND 1992
16	5.74	0.100	0.23	0.71	129	798	73	15 751	-1 182.0	1 876.9	1988	1996-06
16	3.67	0.119	0.15	0.71	129	798	73	16 183	-1 179.3	1 861.3	1988	1996-06
64	4.73	0.110	0.25	0.71	129	798	73	16 921	-1 154.7	1 885.0	1990	1991-12 GPP
16	1.00	0.110	0.15	0.71	129	797	73	17 566	-1 276.9	1 954.9	1990	1996-06 GPP
64	3.00	0.100	0.18	0.73	129	795	56	20 789	-1 285.6	1 964.0	1995	1996-02 GPP
64	6.90	0.160	0.11	0.73	123	802	76		-1 076.2	1 770.8	1996	1997-07
309	7.17	0.130	0.23	0.80	106	823	76	16 405	-1 098.1	1 790.2	1996	1998-12

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
GRANDE PRAIRIE 073-06W6 (CONTINUED)								
HALFWAY Y	263.0	0.10		26.3		26.3	4.0	22.3
MONTNEY A	1 653.0	0.10		165.0		165.0	48.4	116.6
FIELD TOTAL	12 071.7			1 452.4	195.0	1 647.4	981.8	665.6
GREENCOURT EAST 059-06W5								
VIKING A	58.9	<0.01		0.4		0.4	0.3	0.1
VIKING B	28.1	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	87.0			0.6		0.6	0.5	0.1
GRIZZLY 061-22W5								
MONTNEY A	197.0	0.10		19.7		19.7	5.6	14.1
FIELD TOTAL	197.0			19.7		19.7	5.6	14.1
GROAT 057-15W5								
CARDIUM A	47.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	47.0			0.1		0.1	0.1	
GROUARD 075-15W5								
GILWOOD A	166.0	0.25		41.5		41.5	30.7	10.8
FIELD TOTAL	166.0			41.5		41.5	30.7	10.8
GUNN 056-03W5								
LOWER MANNVILLE A	158.0	<0.01		1.4		1.4	1.4	
FIELD TOTAL *	158.0			1.4		1.4	1.4	
HACKETT 036-18W4								
UPPER MANNVILLE A	1 150.0	0.10		115.0		115.0	106.4	8.6
UPPER MANNVILLE D	238.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE I	77.6	0.05		3.9		3.9	2.3	1.6
FIELD TOTAL	1 465.6			119.0		119.0	108.8	10.2
HALKIRK 038-16W4								
UPPER MANNVILLE B	174.0	0.10		17.4		17.4	8.4	9.0
UPPER MANNVILLE D	2 084.0			354.0	620.0	974.0	856.7	117.3
TOTAL								
PRIMARY AREA	83.5	0.17		14.2		14.2		
WATER FLOOD AREA	2 000.0	0.17	0.31	340.0	620.0	960.0		
UPPER MANNVILLE E	101.0	0.06		6.1		6.1	6.1	
UPPER MANNVILLE G	140.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE I	5 742.0			966.0	1 989.0	2 955.0	2 508.5	446.5
TOTAL								
PRIMARY AREA	59.0	<0.01		0.4		0.4		
WATER FLOOD AREA	5 683.0	0.17	0.35	966.0	1 989.0	2 955.0		
UPPER MANNVILLE J	680.0	0.07		47.6		47.6	41.1	6.5
UPPER MANNVILLE K	323.0	0.15		48.5		48.5	44.5	4.0
UPPER MANNVILLE N	288.0	0.20		57.6		57.6	40.4	17.2
UPPER MANNVILLE O	39.9	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE Q	960.0			175.0	75.7	251.0	103.4	147.6
TOTAL								
PRIMARY AREA	203.0	0.12		24.4		24.4		
WATER FLOOD AREA	757.0	0.20	0.10	151.0	75.7	227.0		
UPPER MANNVILLE R	4 029.0	0.36		1 450.0		1 450.0	948.5	501.5
UPPER MANNVILLE S	76.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE U	190.0	0.10		19.0		19.0	7.0	12.0
GLAUCONITIC A	480.0	0.35		168.0		168.0	96.4	71.6
GLAUCONITIC B	20.4	0.20		4.1		4.1	3.1	1.0
GLAUCONITIC C	38.0	<0.03		1.0		1.0	1.0	
GLAUCONITIC F	233.0	0.15		35.0		35.0	33.2	1.8
GLAUCONITIC H	49.5	0.20		9.9		9.9	0.1	9.8
GLAUCONITIC L	68.6	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE F	1 160.0	0.10		116.0		116.0	81.8	34.2
LOWER MANNVILLE G	32.0	0.20		6.4		6.4	5.7	0.7
LOWER MANNVILLE J	300.0	0.25		75.0		75.0	65.2	9.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	7.00	0.110	0.27	0.73	123	835	76			1 790.0	1997	1997-06
252	12.96	0.120	0.43	0.74	120	825	58	17 578	-1 280.0	1 995.1	1993	1997-11 GPP
32	3.00	0.130	0.41	0.80	58	832	55	7 916	-350.5	1 023.2	1980	1992-12
64	1.30	0.110	0.59	0.75	115	898	37	7 146	-351.5	1 013.2	1989	1992-03 ABAND 1991
64	4.90	0.120	0.24	0.69	143	811	88	18 729	-1 426.1	2 346.6	1997	1997-10
16	6.00	0.100	0.30	0.70	140	760	45	10 273	-596.4	1 687.0	1984	1996-06
64	2.60	0.160	0.30	0.89	36	835	86	23 124	-1 550.0	2 138.3	1988	1998-11 GPP
64	3.10	0.190	0.40	0.70	112	827	60	10 434	-613.9	1 348.2	1978	1984-01 ABAND 1986
425	3.89	0.180	0.54	0.84	44	871	39	8 326	-337.4	1 184.8	1974	1997-12 GPP
64	3.00	0.220	0.33	0.84	54	871	40	8 574	-370.6	1 236.9	1984	1985-07 ABAND 1986
16	5.50	0.170	0.43	0.91	33	869	39	5 720	-322.4	1 159.3	1993	1998-11 GPP
176	0.87	0.210	0.28	0.75	51	874	35	9 847	-375.5	1 188.2	1977	1993-08 GPP
175					64	856	15	8 922	-369.0	1 193.7	1984	1998-07
16	5.00	0.190	0.33	0.82								GPP
159	7.77	0.250	0.21	0.82								GPP
32	3.80	0.167	0.38	0.80	55	873	38	8 248	-364.4	1 194.5	1984	1998-11 GPP
64	2.90	0.190	0.47	0.75	110	870	30	8 267	-348.3	1 185.5	1984	1985-10 ABAND 1986
691					66	868	37	9 460	-401.0	1 241.3	1984	1994-12
32	1.40	0.220	0.27	0.82								GPP
659	6.58	0.222	0.28	0.82								GPP
184	3.00	0.220	0.30	0.80	64	868	48	9 422	-390.0	1 207.9	1985	1998-11 GPP
64	4.50	0.200	0.30	0.80	61	867	35	9 424	-394.7	1 231.5	1986	1994-12 GPP
58	3.80	0.210	0.24	0.82	67	847	48	9 857	-424.6	1 269.9	1991	1996-07 GPP
16	1.50	0.250	0.19	0.82	74	865	46	10 203	-425.7	1 269.6	1991	1996-06 ABAND 1994
160					67	846	48	10 057	-432.6	1 268.7	1991	1998-12
76	2.15	0.210	0.28	0.82								GPP
84	7.27	0.210	0.28	0.82								GPP
545	4.90	0.230	0.20	0.82	67	846	48	9 593	-417.7	1 260.5	1991	1998-12 GPP
16	5.00	0.190	0.39	0.82	67	846	48	9 118	-370.6	1 210.5	1992	1996-06 GPP
64	2.50	0.210	0.32	0.83	64	845	46	7 925	-390.2	1 237.8	1995	1995-10 GPP
48	7.96	0.210	0.27	0.82	67	846	48	8 299	-389.0	1 199.2	1992	1996-12 GPP
16	2.00	0.130	0.43	0.86	51	855	48	8 926	-400.0	1 208.2	1993	1993-12 GPP
8	3.60	0.230	0.30	0.82	67	847	48	9 354	-409.0	1 244.5	1993	1998-11 GPP
32	7.08	0.190	0.34	0.82	67	846	48	8 435	-383.5	1 193.2	1992	1996-05 GPP
32	2.00	0.160	0.41	0.82	67	847	48	9 027	-410.2	1 254.5	1994	1996-09
16	6.30	0.170	0.54	0.87	50	878	50			1 202.7	1993	1998-12 ABAND 1998
448	3.39	0.180	0.47	0.80	98	843	37	9 137	-377.2	1 204.3	1974	1984-05 GPP
64	0.92	0.160	0.60	0.85	64	852	48	8 801	-347.5	1 180.0	1977	1997-12 GPP
191	1.29	0.220	0.31	0.80	74	867	37	9 231	-403.0	1 241.7	1984	1994-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
HALKIRK 038-16W4 (CONTINUED)								
LOWER MANNVILLE L	108.0	0.10		10.8		10.8	9.8	1.0
LOWER MANNVILLE M	115.0	0.10		11.5		11.5	4.7	6.8
LOWER MANNVILLE N	32.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE O	43.4	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE P	137.0	0.02		2.7		2.7	2.7	
LOWER MANNVILLE Q	54.5	<0.05		2.5		2.5	2.5	
LOWER MANNVILLE R	107.0	0.10		10.7		10.7	0.1	10.6
LOWER MANNVILLE T	34.8	0.10		3.5		3.5	0.5	3.0
CAMROSE A	203.0	<0.02		3.2		3.2	3.2	
CAMROSE B	152.0	<0.08		11.1		11.1	11.1	
CAMROSE C	100.0	0.15		15.0		15.0	11.7	3.3
CAMROSE D	85.2	<0.01		0.4		0.4	0.4	
FIELD TOTAL	18 380.3			3 629.8	2 684.7	6 314.8	4 899.6	1 415.2
HALKIRK EAST 040-13W4								
VIKING A	1 597.0	0.03		47.9		47.9	39.6	8.3
VIKING C	52.9	<0.01		0.2		0.2	0.2	
GLAUCONITIC A	186.0	<0.02		2.4		2.4	2.4	
GLAUCONITIC B	206.0	<0.01		0.3		0.3	0.3	
GLAUCONITIC C	232.0	<0.01		1.9		1.9	1.9	
GLAUCONITIC D	332.0	0.05		16.6		16.6	9.8	6.8
GLAUCONITIC J	18.7	<0.04		0.6		0.6	0.6	
GLAUCONITIC Q	107.0	0.20		21.4		21.4	5.3	16.1
OSTRACOD A	25.3	<0.04		1.0		1.0	1.0	
ELLERSLIE A	522.0	0.50		261.0		261.0	230.2	30.8
ELLERSLIE B	549.0	0.60		329.0		329.0	300.5	28.5
ELLERSLIE D	61.7	<0.01		0.6		0.6	0.6	
ELLERSLIE E	1 025.0	0.40		410.0		410.0	326.9	83.1
ELLERSLIE F	708.0	<0.43		301.3		301.3	301.3	
ELLERSLIE G	528.0	0.30		158.0		158.0	137.7	20.3
ELLERSLIE H	52.0	0.25		13.0		13.0	8.8	4.2
ELLERSLIE I	454.0	0.45		204.0		204.0	191.6	12.4
ELLERSLIE J	106.0	0.30		31.8		31.8	28.0	3.8
ELLERSLIE K	3.3	0.02		0.1		0.1	0.1	
ELLERSLIE L	53.4	<0.31		16.3		16.3	16.3	
ELLERSLIE M	62.9	<0.05		2.7		2.7	2.7	
ELLERSLIE O	49.1	<0.08		3.9		3.9	3.9	
ELLERSLIE Q	158.0	<0.07		9.7		9.7	9.7	
ELLERSLIE T	23.6	0.35		8.3		8.3	3.9	4.4
ELLERSLIE AA	90.6	0.15		13.6		13.6	2.2	11.4
FIELD TOTAL	7 203.5			1 855.6		1 855.6	1 625.5	230.1
HAMELIN CREEK 080-06W6								
TRIASSIC A	728.0	0.12		87.4		87.4	84.3	3.1
TRIASSIC B	86.4	<0.06		5.1		5.1	5.1	
FIELD TOTAL	814.4			92.5		92.5	89.4	3.1
HANLAN 045-17W5								
BELLY RIVER A	50.6	<0.02		0.7		0.7	0.7	
FIELD TOTAL	50.6			0.7		0.7	0.7	
HANNA 031-14W4								
UPPER MANNVILLE B	105.0	0.10		10.5		10.5	3.8	6.7
LOWER MANNVILLE A	297.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE L	162.0	<0.01		1.6		1.6	1.6	
LOWER MANNVILLE N	127.0	0.10		12.7		12.7	3.5	9.2
FIELD TOTAL	691.0			25.1		25.1	9.2	15.9
HARMATTAN EAST 032-03W5								
CARDIUM A	159.0	<0.01		0.2		0.2	0.2	
CARDIUM B	152.0	<0.01		0.2		0.2	0.2	
CARDIUM C	25.2	<0.06		1.5		1.5	1.5	
CARDIUM D	258.0	0.03		7.7		7.7	6.1	1.6
CARDIUM E	74.9	0.05		3.7		3.7	1.8	1.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.20	0.160	0.40	0.80	66	868	36	9 156	-392.8	1 228.8	1986	1987-01 GPP
64	2.00	0.160	0.30	0.80	74	867	37	9 205	-387.3	1 225.1	1986	1987-02 GPP
32	1.40	0.140	0.40	0.85	64	867	48	9 116	-416.7	1 251.5	1987	1987-07
16	2.80	0.170	0.33	0.85	64	852	48	9 103	-414.7	1 256.1	1987	1992-10 ABAND 1995
64	2.00	0.180	0.30	0.85	64	854	48	8 833	-422.5	1 263.5	1986	1995-08 ABAND 1995
16	2.80	0.220	0.35	0.85	64	852	48	9 183	-402.2	1 219.2	1990	1996-06 GPP
64	2.50	0.140	0.44	0.85	64	851	48	8 464	-418.9	1 266.5	1995	1995-07 GPP
64	0.80	0.160	0.50	0.85	64	852	48	9 160	-386.5	1 220.2	1985	1997-07 GPP
64	7.00	0.070	0.19	0.80	36	868	53	9 830	-577.1	1 395.5	1984	1989-12 ABAND 1992
32	9.10	0.075	0.13	0.80	36	878	53	10 249	-587.3	1 431.1	1984	1989-12 ABAND 1989
22	10.36	0.061	0.20	0.90	84	882	53	9 981	-571.8	1 377.2	1983	1992-04 GPP
64	3.40	0.067	0.35	0.90	36	845	42	9 701	-532.4	1 369.0	1985	1989-12 ABAND 1992
1 385	1.61	0.140	0.45	0.93	26	850	33	5 993	-113.9	829.6	1982	1994-08 GPP
64	0.90	0.170	0.40	0.90	37	854	33	5 825	-114.8	828.5	1982	1982-11
32	5.76	0.160	0.30	0.90	37	880	35	7 438	-302.8	1 030.9	1983	1996-12 ABAND 1996
128	2.00	0.190	0.47	0.80	52	855	39	7 316	-263.0	973.3	1984	1992-10
64	3.00	0.200	0.33	0.90	38	875	37	7 701	-262.0	969.8	1986	1987-05 ABAND 1990
64	3.90	0.190	0.24	0.92	35	875	34	7 227	-270.9	987.0	1988	1996-08 GPP
16	1.50	0.150	0.43	0.91	35	888	40	7 585	-277.8	949.0	1993	1996-06 GPP
16	6.50	0.180	0.36	0.89	45	870	35	6 716	-268.6	973.3	1996	1996-07 GPP
16	1.00	0.240	0.32	0.97	30	847	36	5 998	-262.6	973.1	1991	1996-06 ABAND 1996
57	5.60	0.236	0.23	0.90	42	896	32	7 117	-283.3	994.1	1972	1998-11 GPP
65	5.10	0.242	0.24	0.90	43	870	35	6 949	-279.3	997.3	1983	1997-12 GPP
32	1.60	0.200	0.33	0.90	36	829	39	6 822	-284.7	1 003.3	1987	1995-05 ABAND 1994
129	5.89	0.211	0.29	0.90	36	865	39	6 760	-283.1	995.7	1986	1989-12 GPP
86	4.86	0.236	0.22	0.92	48	897	37	6 574	-269.1	987.5	1987	1998-11 GPP
113	3.85	0.210	0.32	0.85	62	885	35	6 658	-274.8	984.9	1987	1996-01 GPP
8	4.30	0.210	0.20	0.90	42	896	32	6 729	-284.8	1 003.5	1983	1996-12 GPP
30	7.74	0.256	0.15	0.90	42	896	32	6 939	-280.3	977.2	1985	1997-12 GPP
8	8.65	0.226	0.25	0.90	42	896	32	7 516	-283.3	981.5	1984	1989-12 GPP
4	0.50	0.260	0.28	0.90	42	896	32	7 440	-282.3	959.4	1985	1988-09 ABAND 1996
16	2.63	0.206	0.33	0.92	16	909	34	6 372	-268.0	983.2	1988	1988-11 GPP
16	3.50	0.190	0.35	0.91	37	899	35	7 338	-304.9	1 025.4	1989	1996-06
16	2.72	0.210	0.41	0.91	37	899	35	6 832	-283.5	993.2	1990	1996-06 GPP
16	5.06	0.280	0.25	0.93	48	865	35	7 424	-315.2	1 041.8	1959	1975-12 ABAND 1969
4	3.50	0.250	0.29	0.95	16	908	34	5 983	-262.6	972.2	1993	1994-12 GPP
16	4.98	0.190	0.37	0.95	16	908	34	7 568	-331.1	1 072.5	1995	1996-04 GPP
192	3.02	0.190	0.25	0.88	50	835	50	11 435	-571.6	1 185.7	1980	1992-12 GPP
32	2.44	0.195	0.34	0.86	58	834	50	10 944	-546.3	1 152.8	1988	1996-06 ABAND 1997
16	5.20	0.120	0.35	0.78	93	800	63	14 027	-1 043.7	2 346.5	1992	1996-06 GPP
64	2.00	0.180	0.50	0.91	37	853	31	8 099	-312.9	1 136.4	1981	1982-06 GPP
65	3.05	0.250	0.30	0.86	52	865	31	9 123	-309.7	1 174.4	1970	1972-07 ABAND 1972
64	2.30	0.200	0.36	0.86	70	867	32	9 382	-364.9	1 206.2	1981	1990-12 GPP
64	2.00	0.200	0.43	0.87	51	852	42	8 806	-371.4	1 206.5	1994	1997-03 GPP
64	3.90	0.100	0.15	0.75	35	806	64	15 385	-886.1	1 938.2	1979	1983-12 ABAND 1984
64	4.80	0.141	0.56	0.80	83	815	59	15 685	-928.7	2 023.5	1979	1983-12 ABAND 1990
64	0.90	0.080	0.30	0.78	80	851	61	15 831	-948.8	2 051.9	1983	1996-06 GPP
64	4.00	0.150	0.15	0.79	79	785	61	15 666	-928.2	1 995.5	1981	1986-12 GPP
64	2.50	0.075	0.20	0.78	80	850	61	15 651	-923.6	1 978.9	1982	1986-05 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
HARMATTAN EAST								
032-03W5 (CONTINUED)								
VIKING C	122.0	<0.08		9.3		9.3	9.3	*
VIKING E TOTAL	6 528.0			759.0	1 230.0	1 989.0	1 669.5	319.5
PRIMARY AREA	1 184.0	0.10		118.0		118.0		
WATER FLOOD AREA	5 344.0	0.12	0.23	641.0	1 230.0	1 871.0		
VIKING J	77.5	0.05		3.9		3.9	0.9	3.0
VIKING K	26.6	<0.05		1.1		1.1	1.1	
BLAIRMORE	288.0	<0.09		24.8		24.8	24.8	
LOWER MANNVILLE A	52.5	0.15		7.9		7.9	5.7	2.2
NORDEGG A	136.0	<0.01		1.2		1.2	1.2	
RUNDLE TOTAL	34 140.0			10 100.0	2 289.0	12 390.0	11 693.0	697.0
PRIMARY AREA	1 442.0	0.20		288.0		288.0		
WATER FLOOD AREA	32 700.0	0.30	0.07	9 810.0	2 289.0	12 100.0		
RUNDLE D	308.0	0.06		18.5		18.5	15.5	3.0
FIELD TOTAL	42 347.7			10 939.0	3 519.0	14 459.0	13 430.8	1 028.2
HARMATTAN-ELKTON								
031-04W5								
BELLY RIVER A	137.0	<0.01		0.1		0.1	0.1	
CARDIUM A	50.0	0.18		9.0		9.0	8.1	0.9
CARDIUM B	117.0	0.10		11.7		11.7	4.0	7.7
VIKING A	72.5	<0.01		0.3		0.3	0.3	
RUNDLE B	113.0	<0.08		8.9		8.9	8.9	
RUNDLE C	29 900.0	0.40		11 960.0		11 960.0	11 724.1	235.9
FIELD TOTAL	30 389.5			11 990.0		11 990.0	11 745.5	244.5
HARD 106-08W6								
KEG RIVER A	370.0	0.30		111.0		111.0	11.3	99.7
FIELD TOTAL *	370.0			111.0		111.0	11.3	99.7
HAYNES 038-24W4								
D-2 B	209.0	<0.01		0.8		0.8	0.8	
D-2 C	469.0	0.35		164.0		164.0	92.0	72.0
D-2 A & D-3 A	2 512.0	0.28		703.0		703.0	600.6	102.4
D-3 B	389.0	0.11		42.8		42.8	42.8	
FIELD TOTAL	3 579.0			910.6		910.6	736.2	174.4
HAYS 013-15W4								
ARCS S	1 153.0	0.10		115.0		115.0	5.7	109.3
FIELD TOTAL *	1 153.0			115.0		115.0	5.7	109.3
HERCULES 050-24W4								
WABAMUN A	113.0	<0.15		16.8		16.8	10.9	5.9
WABAMUN B	67.3	<0.03		1.7		1.7	1.7	
FIELD TOTAL	180.3			18.5		18.5	12.6	5.9
HERRONTON 019-25W4								
ELLERSLIE B	59.1	0.05		3.0		3.0	0.2	2.8
ELLERSLIE C	705.0	0.10		70.5		70.5	15.8	54.7
TURNER VALLEY A	466.0	<0.01		2.5		2.5	2.5	
TURNER VALLEY B	778.0	0.15		117.0		117.0	84.9	32.1
TURNER VALLEY C	677.0	0.05		33.9		33.9	20.4	13.5
TURNER VALLEY D	46.8	<0.01		0.1		0.1	0.1	
TURNER VALLEY G	65.0	<0.01		0.1		0.1	0.1	
TURNER VALLEY H	90.1	<0.01		0.2		0.2	0.2	
TURNER VALLEY K	3 199.0	0.02		64.0		64.0	20.7	43.3
TURNER VALLEY M	79.0	0.10		7.9		7.9	0.7	7.2
TURNER VALLEY N	103.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	6 268.0			299.3		299.3	145.7	153.6
HIGH PRAIRIE 073-16W5								
GILWOOD A	480.0	0.25		120.0		120.0	71.4	48.6
GILWOOD B	603.0	0.17		103.0		103.0	93.7	9.3
GILWOOD C	130.0	0.15		19.5		19.5	13.3	6.2
GILWOOD D	98.9	0.06		5.9		5.9	2.4	3.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	8.30	0.077	0.30	0.85	60	844	67	17 239	-1 260.5	2 350.6	1981	1996-06 GPP
4 873					58	840	56	10 410	-1 134.7	2 193.4	1979	1988-03
1 037	1.89	0.104	0.30	0.83								
3 836	2.69	0.096	0.35	0.83								
64	3.88	0.080	0.50	0.78	100	840	51	10 474	-1 125.8	2 200.6	1982	1983-05 GPP
16	4.99	0.078	0.39	0.70	160	790	67	17 210	-1 265.4	2 369.8	1982	1996-06 GPP
65	5.49	0.150	0.17	0.65	177	834	77	28 999	-1 388.4	2 451.2	1961	1961-09 ABAND 1975
64	1.60	0.120	0.30	0.61	210	815	84			2 430.6	1961	1998-05
64	7.70	0.075	0.45	0.67	170	820	90	25 139	-1 378.0	2 459.2	1980	1988-12 ABAND 1986
5 095					171	834	85	23 691	-1 516.3	2 608.2	1954	1998-12 GPP
448	6.08	0.100	0.21	0.67								
4 647	9.02	0.137	0.15	0.67								
64	14.10	0.060	0.15	0.67	171	834	85	22 969	-1 353.2	2 409.9	1984	1996-08 GPP
64	3.19	0.123	0.40	0.91	32	839	46	13 071	-561.0	1 670.3	1985	1985-11 ABAND 1986
64	2.17	0.060	0.25	0.80	80	816	62	20 835	-1 230.6	2 394.1	1980	1993-12 GPP
64	2.50	0.100	0.15	0.86	52	833	79	28 145	-1 228.0	2 403.3	1986	1987-01 GPP
32	6.80	0.060	0.33	0.83	63	840	63	28 607	-1 310.6	2 408.0	1990	1992-12 ABAND 1992
65	2.77	0.126	0.23	0.65	158	825	93	22 496	-1 632.3	2 715.3	1962	1974-02 ABAND 1972
4 491	9.56	0.128	0.20	0.68	172	844	94	22 649	-1 654.9	2 783.9	1954	1989-12 GPP
64	16.90	0.060	0.08	0.62	193	807	84	17 722	-1 431.0	2 000.3	1982	1998-08
121	5.40	0.060	0.24	0.70	143	823	67	13 574	-996.1	1 873.1	1990	1996-06 ABAND 1992
128	8.72	0.080	0.25	0.70	143	823	61	13 380	-998.6	1 838.5	1993	1996-08 GPP
1 236	7.75	0.050	0.24	0.69	148	825	61	16 428	-1 002.3	1 846.0	1968	1998-12 GPP
162	5.00	0.080	0.22	0.77	108	822	58	13 848	-1 020.4	1 897.2	1990	1998-11 GPP
182	6.50	0.150	0.27	0.89	49	883	25	12 626	-545.3	1 330.7	1997	1998-12
32	7.90	0.080	0.36	0.87	52	870	47	9 021	-513.8	1 256.7	1980	1998-11 GPP
16	11.10	0.110	0.59	0.84	60	839	54	9 734	-536.6	1 270.3	1989	1996-06 GPP
16	6.30	0.140	0.47	0.79	100	848	52	16 516	-852.3	1 887.8	1995	1998-11 GPP
235	3.30	0.170	0.34	0.81	93	869	45	15 207	-795.3	1 804.0	1997	1998-01
64	8.30	0.150	0.24	0.77	91	842	52	16 653	-792.6	1 790.1	1989	1995-06 ABAND 1995
176	5.56	0.120	0.23	0.86	35	883	44	15 562	-778.6	1 789.2	1991	1997-12 GPP
64	11.00	0.130	0.14	0.86	90	880	45	15 572	-775.4	1 815.1	1992	1992-11 GPP
16	4.00	0.130	0.27	0.77	91	842	52	15 055	-778.9	1 752.8	1994	1996-06 GPP
16	6.50	0.110	0.29	0.80	82	858	48	10 198	-802.2	1 799.0	1993	1996-03 ABAND 1995
16	8.50	0.120	0.31	0.80	82	858	48	12 959	-792.8	1 787.0	1993	1996-06 GPP
507	6.86	0.180	0.27	0.70	146	824	66	16 905	-831.1	1 830.3	1995	1997-07 GPP
16	7.50	0.110	0.18	0.73	87	853	55	15 109	-765.3	1 779.3	1995	1997-09
64	7.70	0.050	0.45	0.76	108	900	64	14 768	-783.0	1 813.4	1980	1980-06 ABAND 1985
128	4.58	0.130	0.30	0.90	33	849	81	24 535	-1 681.9	2 320.9	1986	1988-05 GPP
181	4.35	0.145	0.40	0.88	43	840	81	24 657	-1 681.5	2 316.7	1987	1994-12 GPP
32	4.99	0.156	0.40	0.87	36	835	86	24 508	-1 682.8	2 316.3	1987	1997-05 GPP
32	3.28	0.168	0.37	0.89	36	868	86	24 039	-1 629.4	2 241.2	1987	1998-12

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
HIGH PRAIRIE 073-16W5 (CONTINUED)								
GILWOOD E	95.9	<0.11		10.2		10.2	10.2	*
GILWOOD F	783.0	0.25		196.0		196.0	106.6	89.4
GILWOOD G	338.0	0.25		84.5		84.5	53.1	31.4
GILWOOD H	141.0	0.05		7.1		7.1	7.1	
GILWOOD I	234.0	0.12		28.1		28.1	23.2	4.9
GILWOOD J	178.0	0.15		26.7		26.7	23.0	3.7
GILWOOD K	115.0	<0.01		1.1		1.1	1.1	
GILWOOD L	76.7	0.35		26.8		26.8	20.5	6.3
GILWOOD M	14.2	0.10		1.4		1.4	1.0	0.4
GILWOOD N	68.3	<0.01		0.2		0.2	0.2	
GILWOOD O	60.8	0.05		3.0		3.0	2.0	1.0
GILWOOD P	113.0	0.30		33.9		33.9	5.4	28.5
FIELD TOTAL	3 529.8			667.4		667.4	434.2	233.2
HIGH RIVER 018-30W4								
SAWTOOTH A	46.0	0.20		9.2		9.2	8.4	0.8
WABAMUN A	200.0	<0.06		10.5		10.5	10.5	
FIELD TOTAL	246.0			19.7		19.7	18.9	0.8
HIGHVALE 051-04W5								
CARDIUM C	2 456.0	0.13		319.0		319.0	302.7	16.3
CARDIUM D	605.0	0.10		60.5		60.5	29.7	30.8
CARDIUM G	58.9	<0.04		2.2		2.2	2.2	
LOWER MANNVILLE A TOTAL	4 813.0			265.0	221.0	486.0	427.0	59.0
PRIMARY AREA	2 363.0	0.05		118.0		118.0		
WATER FLOOD AREA	2 450.0	0.06	0.09	147.0	221.0	368.0		
LOWER MANNVILLE B	172.0	<0.08		13.0		13.0	12.6	0.4
LOWER MANNVILLE D	102.0	0.10		10.2		10.2	7.3	2.9
LOWER MANNVILLE I	131.0	<0.03		3.4		3.4	3.4	
LOWER MANNVILLE J	102.0	<0.04		3.3		3.3	3.3	
LOWER MANNVILLE P	244.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE R	590.0	0.10		59.0		59.0	47.7	11.3
LOWER MANNVILLE S	33.8	<0.09		2.8		2.8	2.8	
LOWER MANNVILLE T	50.2	<0.05		2.5		2.5	2.5	
LOWER MANNVILLE U	605.0	0.10		60.5		60.5	34.6	25.9
LOWER MANNVILLE V	74.1	0.15		11.1		11.1	7.5	3.6
LOWER MANNVILLE W	53.1	0.15		8.0		8.0	5.5	2.5
LOWER MANNVILLE Z	34.6	0.20		6.9		6.9	2.2	4.7
NORDEGG E	73.7	<0.01		0.3		0.3	0.3	
NORDEGG D & BANFF H	7 118.0	0.05		356.0		356.0	229.4	126.6
NORDEGG F & BANFF R	733.0	0.02		14.7		14.7	13.2	1.5
BANFF A	3 544.0	0.08		284.0		284.0	238.1	45.9
BANFF B	287.0	0.05		14.4		14.4	12.9	1.5
BANFF E	277.0	0.05		13.9		13.9	13.7	0.2
BANFF F	375.0	<0.01		1.0		1.0	1.0	
BANFF K	80.9	<0.01		0.1		0.1	0.1	
BANFF M	134.0	<0.08		9.4		9.4	9.4	
BANFF P	371.0	0.15		55.7		55.7	46.4	9.3
BANFF S	104.0	<0.02		1.7		1.7	1.7	
BANFF T	190.0	0.05		9.5		9.5	4.7	4.8
BANFF U	422.0	0.04		16.9		16.9	1.2	15.7
BANFF V	25.9	0.15		3.9		3.9	0.9	3.0
BANFF W	226.0	0.05		11.3		11.3	1.0	10.3
FIELD TOTAL	24 086.2			1 620.3	221.0	1 841.3	1 465.1	376.2
HOLBURN 050-01W5								
GLAUCONITIC D	140.0	0.10		14.0		14.0	4.4	9.6
FIELD TOTAL	140.0			14.0		14.0	4.4	9.6
HOMEGLEN-RIMBEY 043-01W5								
ELLERSLIE A	156.0	<0.01		0.1		0.1	0.1	
PEKISKD A	334.0	0.05		16.7		16.7	9.0	7.7
PEKISKD C	218.0	0.10		21.8		21.8	6.2	15.6
PEKISKD E	73.0	0.10		7.3		7.3	0.9	6.4
BANFF C	44.4	0.10		4.4		4.4	0.6	3.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.30	0.170	0.40	0.89	36	835	86	24 556	-1 680.8	2 327.8	1987	1996-06 GPP
192	4.62	0.146	0.32	0.89	36	835	86	24 542	-1 678.0	2 311.3	1987	1988-12 GPP
128	3.93	0.130	0.42	0.89	36	835	85	23 961	-1 624.6	2 242.4	1987	1988-05 GPP
64	2.54	0.157	0.38	0.89	36	835	75	22 591	-1 618.0	2 259.1	1987	1994-01 ABAND 1993
64	3.79	0.155	0.30	0.89	36	935	86	23 523	-1 624.4	2 240.9	1987	1996-07 GPP
64	3.94	0.139	0.43	0.89	36	935	80	24 627	-1 674.0	2 359.7	1987	1989-03 GPP
64	2.00	0.160	0.37	0.89	36	835	86	23 763	-1 622.1	2 259.8	1988	1989-03 ABAND 1990
64	2.20	0.120	0.49	0.89	36	835	86	23 738	-1 678.8	2 319.3	1988	1997-12 GPP
32	0.83	0.120	0.50	0.89	36	835	86	23 845	-1 669.0	2 302.4	1988	1997-10 GPP
64	2.00	0.120	0.50	0.89	36	835	86	24 756	-1 681.4	2 320.0	1988	1994-11 GPP
16	4.79	0.170	0.47	0.88	43	840	97	24 124	-1 685.0	2 303.0	1989	1998-06 GPP
32	3.80	0.160	0.35	0.89	36	841	86			2 320.9	1997	1998-04 GPP
64	1.67	0.084	0.36	0.80	100	850	69	21 991	-1 618.6	2 769.2	1980	1997-12 GPP
64	4.00	0.150	0.20	0.65	190	825	91	25 666	-1 842.1	2 935.1	1956	1975-12 ABAND 1971
1 848	1.26	0.140	0.19	0.93	22	871	39	15 474	-329.9	1 103.3	1980	1990-12 GPP
600	1.16	0.110	0.15	0.93	22	871	39	15 570	-350.6	1 131.6	1981	1990-05 GPP
16	3.30	0.150	0.20	0.93	28	874	38	13 009	-351.2	1 090.9	1984	1996-06 GPP
4 098					84	870	53	16 845	-809.3	1 578.3	1976	1991-12
2 720	1.07	0.150	0.34	0.82								GPP
1 378	2.19	0.150	0.34	0.82								GPP
64	3.60	0.140	0.35	0.82	90	855	54	17 047	-818.0	1 582.3	1979	1997-12
64	1.85	0.150	0.30	0.82	86	870	56	17 416	-820.2	1 586.5	1978	1981-10 GPP
64	1.80	0.180	0.23	0.82	84	865	43	15 052	-756.3	1 516.9	1980	1989-12
64	2.50	0.120	0.35	0.82	68	862	50	16 584	-829.7	1 625.8	1982	1989-12
64	5.95	0.130	0.40	0.82	82	882	56	14 508	-800.0	1 597.0	1983	1984-10 ABAND 1985
192	3.02	0.170	0.27	0.82	82	882	56	15 849	-789.8	1 568.4	1985	1988-02
16	2.40	0.165	0.35	0.82	82	870	56	16 935	-818.5	1 567.2	1983	1996-06 GPP
16	3.00	0.150	0.15	0.82	82	882	56	14 178	-771.9	1 492.2	1985	1996-06 GPP
100	5.29	0.170	0.18	0.82	82	850	56	15 619	-781.4	1 511.1	1985	1990-12
64	0.80	0.210	0.16	0.82	82	882	56	14 889	-739.2	1 512.4	1983	1997-12
32	1.91	0.140	0.31	0.90	219	886	54	15 607	-785.8	1 463.2	1986	1997-12 GPP
64	0.70	0.180	0.42	0.74	116	864	67	16 278	-880.2	1 633.9	1997	1997-06 GPP
64	3.20	0.080	0.40	0.75	108	880	55	17 191	-871.4	1 568.4	1979	1992-10 ABAND 1997
1 116	6.96	0.200	0.42	0.79	102	869	54	17 691	-846.6	1 613.0	1981	1991-12 GPP
192	4.63	0.167	0.39	0.81	112	889	57	17 258	-879.9	1 575.7	1981	1990-02 GPP
464	7.50	0.180	0.31	0.82	117	870	60	16 875	-798.3	1 591.5	1978	1990-09 GPP
64	4.05	0.220	0.33	0.75	117	870	60	16 983	-818.0	1 582.7	1977	1980-01 GPP
32	7.03	0.200	0.25	0.82	89	870	60	16 418	-794.1	1 610.4	1978	1993-04 GPP
64	8.00	0.122	0.25	0.80	88	870	57	18 649	-813.3	1 627.5	1981	1985-12 ABAND 1985
64	2.00	0.150	0.48	0.81	88	866	56	15 211	-813.3	1 495.6	1983	1983-10 ABAND 1983
16	7.42	0.215	0.36	0.82	117	870	60	16 076	-805.5	1 577.9	1977	1996-06 GPP
64	4.59	0.220	0.30	0.82	117	870	60	16 320	-803.5	1 560.5	1980	1994-12 GPP
32	3.72	0.152	0.30	0.82	10	865	27	18 107	-875.2	1 633.0	1979	1989-12 ABAND 1993
32	6.38	0.190	0.41	0.83	85	851	56	17 575	-896.0	1 662.0	1987	1988-11 GPP
32	11.10	0.220	0.35	0.83	85	851	56	14 164	-736.6	1 501.7	1994	1996-08
32	1.30	0.110	0.30	0.81	88	865	56	18 861	-840.7	1 622.0	1981	1996-02 GPP
32	4.60	0.250	0.26	0.83	85	851	56	15 768	-804.8	1 606.0	1996	1996-07
64	3.10	0.150	0.39	0.77	95	867	62	12 097	-668.9	1 381.1	1996	1997-07 GPP
64	2.70	0.150	0.25	0.80	60	898	53	11 796	-856.1	1 752.0	1980	1983-12
64	11.20	0.075	0.27	0.85	60	825	65	15 593	-991.1	1 885.3	1985	1996-08
32	13.50	0.090	0.34	0.85	49	897	70	16 022	-962.4	1 866.8	1994	1996-01
32	6.90	0.050	0.24	0.87	48	877	71		-923.7	1 867.3	1996	1997-11 GPP
32	1.70	0.120	0.15	0.80	80	890	72	16 249	-944.6	1 888.2	1996	1996-10 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
HOMEGLEN-RIMBEY 043-01W5 (CONTINUED)								
D-3	17 420.0	0.17		2 961.0		2 961.0	2 317.0	644.0
D-3 B	700.0	0.20		140.0		140.0	106.9	33.1
D-3 C	161.0	0.06		9.7		9.7	8.7	1.0
D-3 D	145.0	0.20		29.0		29.0	1.8	27.2
FIELD TOTAL	19 251.4			3 190.0		3 190.0	2 451.2	738.8
HONEYSUCKLE 046-26W4								
BELLY RIVER A & B	179.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE B	231.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	410.0			0.2		0.2	0.2	
HOOKE 015-29W4								
JURASSIC A	95.3	0.15		14.3		14.3	11.4	2.9
JURASSIC B	73.1	<0.08		5.8		5.8	5.8	
FIELD TOTAL	168.4			20.1		20.1	17.2	2.9
HOTCHKISS 093-25W5								
GILWOOD B	500.0	0.10		50.0		50.0	39.3	10.7
GILWOOD C	921.0	0.30		276.0		276.0	122.7	153.3
GILWOOD D	1 644.0	0.25		411.0		411.0	158.3	252.7
GILWOOD E	107.0	<0.01		0.9		0.9	0.9	
GILWOOD I	79.2	0.15		11.9		11.9	4.4	7.5
GILWOOD J	38.2	<0.01		0.1		0.1	0.1	
GILWOOD L	279.0	0.20		55.8		55.8	4.6	51.2
FIELD TOTAL	3 568.4			805.7		805.7	330.3	475.4
HUSSAR 025-20W4								
VIKING N	113.0	<0.05		5.3		5.3	5.3	
UPPER MANNVILLE B	96.0	0.10		9.6		9.6	1.2	8.4
GLAUCONITIC A	6 980.0	0.60		4 188.0		4 188.0	3 749.1	438.9
GLAUCONITIC B	1 300.0	0.03		39.0		39.0	30.1	8.9
GLAUCONITIC C	37.0	<0.06		2.1		2.1	2.1	
GLAUCONITIC E	842.0	0.07		58.9		58.9	56.4	2.5
GLAUCONITIC F	74.0	0.06		4.4		4.4	4.4	
GLAUCONITIC G	926.0	0.07		64.8		64.8	60.0	4.8
GLAUCONITIC H	108.0	<0.08		8.1		8.1	8.1	
GLAUCONITIC J	263.0	0.10		26.3		26.3	17.3	9.0
GLAUCONITIC K	119.0	<0.04		4.6		4.6	4.6	
GLAUCONITIC U	400.0	0.25		100.0		100.0	92.3	7.7
GLAUCONITIC X	227.0	0.10		22.7		22.7	18.6	4.1
GLAUCONITIC BB	636.0	0.10		63.6		63.6	60.0	3.6
GLAUCONITIC DD	219.0	<0.04		7.3		7.3	7.3	
GLAUCONITIC SS	173.0	<0.01		0.3		0.3	0.3	
GLAUCONITIC VV	216.0	0.10		21.6		21.6	14.9	6.7
GLAUCONITIC YY	221.0	<0.02		2.8		2.8	2.8	
GLAUCONITIC FFF	32.6	<0.07		2.0		2.0	2.0	
GLAUCONITIC NNN	632.0	0.05		31.6		31.6	19.1	12.5
GLAUCONITIC RRR	90.9	<0.01		0.8		0.8	0.8	
GLAUCONITIC SSS	1 173.0	0.10		117.0		117.0	116.4	0.6
GLAUCONITIC TTT	55.3	0.10		5.5		5.5	4.4	1.1
GLAUCONITIC VVV	71.9	<0.01		0.1		0.1	0.1	
GLAUCONITIC B2B	71.8	<0.03		1.5		1.5	1.5	
GLAUCONITIC H2H	104.0	0.10		10.4		10.4	4.4	6.0
GLAUCONITIC L2L	170.0	0.07		11.9		11.9	10.3	1.6
GLAUCONITIC M2M	190.0	0.05		9.5		9.5	3.9	5.6
GLAUCONITIC T2T	66.8	<0.01		0.4		0.4	0.4	
GLAUCONITIC W2W	484.0	0.15	0.25	72.6	121.0	194.0	152.2	41.8
WATER FLOOD								
GLAUCONITIC S,BASAL MANNVILLE M & FFF	300.0	0.10		30.0		30.0	29.6	0.4
GLAUCONITIC C3C	106.0	0.15		15.9		15.9	3.8	12.1
GLAUCONITIC G3G	66.0	0.10		6.6		6.6	0.9	5.7
GLAUCONITIC H3H	150.0	0.10		15.0		15.0	3.4	11.6
GLAUCONITIC I3I	195.0	0.15		29.3		29.3	3.9	25.4
OSTRACOD C	79.5	0.02		1.6		1.6	1.6	
OSTRACOD H	48.7	0.01		0.5		0.5	0.5	
OSTRACOD P	125.0	<0.10		11.7		11.7	11.7	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
5 244	7.40	0.080	0.15	0.66	165	811	83	19 483	-1 453.2	2 385.0	1953	1997*12 GPP
105	12.20	0.100	0.30	0.78	159	810	83	11 060	-1 485.2	2 390.4	1983	1990-12 GPP
32	12.60	0.090	0.33	0.66	160	820	83	10 814	-1 477.8	2 381.8	1985	1996-12 GPP
32	7.50	0.090	0.15	0.79	69	807	84	10 820	-1 478.6	2 386.4	1995	1996-07
16	9.59	0.190	0.31	0.89	50	848	36	4 715	212.3	586.3	1991	1995-10 ABAND 1995
32	13.70	0.110	0.43	0.84	58	910	65	11 760	-627.0	1 419.9	1990	1992-10 ABAND 1992
64	2.01	0.105	0.15	0.83	120	880	72	27 802	-1 688.5	2 790.8	1980	1996-12 GPP
32	3.85	0.110	0.35	0.83	63	880	66	36 971	-1 769.8	2 947.0	1980	1996-06 GPP
129	5.76	0.120	0.34	0.85	53	860	77	21 075	-1 379.5	2 119.4	1991	1995-12 GPP
118	7.95	0.150	0.23	0.85	53	860	77	21 023	-1 385.9	2 157.4	1991	1997-01 GPP
344	6.36	0.130	0.32	0.85	53	860	77	20 945	-1 381.7	2 137.3	1991	1997-03 GPP
16	7.80	0.150	0.33	0.85	92	830	79	19 658	-1 387.5	2 166.3	1994	1996-06
32	3.20	0.140	0.35	0.85	53	860	77	20 578	-1 383.2	2 149.9	1994	1995-05 GPP
16	3.90	0.120	0.40	0.85	53	860	77	20 821	-1 371.4	2 143.7	1991	1996-06 ABAND 1997
32	9.50	0.140	0.22	0.84	65	836	76	20 782	-1 371.2	2 081.8	1993	1997-03
64	1.83	0.190	0.40	0.85	58	850	39	8 371	-346.9	1 244.2	1963	1992-07 ABAND 1968
16	8.00	0.150	0.39	0.82	56	856	45	8 458	-450.7	1 384.5	1996	1997-11 GPP
675	7.07	0.210	0.14	0.81	82	844	46	10 401	-538.0	1 453.6	1957	1997-12 GPP
192	5.31	0.210	0.25	0.81	81	860	46	9 967	-520.0	1 431.6	1956	1979-12 GPP
16	1.83	0.200	0.21	0.80	82	860	45	9 974	-521.0	1 426.3	1958	1964-04
90	6.11	0.225	0.16	0.81	78	849	41	9 949	-448.3	1 367.0	1959	1979-12 GPP
32	1.83	0.200	0.21	0.80	83	860	40	10 482	-476.3	1 341.6	1959	1964-04 ABAND 1968
209	2.96	0.221	0.23	0.88	80	860	41	9 908	-522.2	1 362.0	1960	1993-10 GPP
21	3.70	0.210	0.18	0.80	80	860	44	9 996	-534.7	1 406.4	1962	1979-01 ABAND 1978
192	1.86	0.140	0.36	0.82	80	838	44	10 494	-544.7	1 425.4	1977	1982-05 GPP
65	1.43	0.200	0.20	0.80	80	860	42	9 723	-551.9	1 416.1	1959	1983-12 GPP
174	2.11	0.210	0.36	0.81	80	860	36	10 078	-496.4	1 400.2	1964	1995-09
65	2.74	0.210	0.25	0.81	62	839	46	10 116	-504.8	1 433.5	1960	1977-04 GPP
177	3.05	0.210	0.30	0.80	82	844	44	10 404	-535.1	1 418.2	1963	1969-08 GPP
64	3.07	0.170	0.18	0.80	80	860	43	9 863	-536.0	1 396.1	1968	1994-11 ABAND 1993
64	3.00	0.150	0.25	0.80	66	857	40	10 335	-475.4	1 408.0	1979	1981-12 ABAND 1992
64	4.40	0.160	0.40	0.80	88	860	49	10 842	-582.2	1 463.2	1978	1980-02 GPP
128	2.75	0.140	0.44	0.80	72	849	43	10 604	-531.5	1 407.4	1979	1988-12 ABAND 1997
64	0.70	0.140	0.35	0.80	86	847	43	10 478	-503.7	1 403.7	1980	1989-12 ABAND 1988
117	7.59	0.140	0.38	0.82	56	856	45	9 891	-451.2	1 392.0	1979	1989-12 GPP
16	5.50	0.210	0.40	0.82	56	857	45	11 665	-523.0	1 485.3	1982	1994-12 ABAND 1994
708	1.53	0.202	0.33	0.80	86	860	44	10 030	-477.9	1 432.0	1960	1983-06 GPP
64	1.00	0.180	0.40	0.80	86	860	44	10 022	-476.8	1 447.0	1979	1983-06 GPP
64	1.40	0.150	0.34	0.81	79	847	46	11 590	-514.8	1 380.2	1980	1984-01
64	1.50	0.170	0.45	0.80	82	844	43	10 385	-469.1	1 386.1	1984	1984-12 ABAND 1988
64	2.00	0.190	0.48	0.82	56	857	45	9 974	-470.3	1 426.7	1980	1986-10 GPP
64	2.90	0.200	0.44	0.82	56	857	45	9 782	-455.3	1 384.7	1990	1994-12 GPP
64	5.50	0.140	0.53	0.82	56	857	45	9 841	-430.3	1 337.4	1990	1991-09
32	2.30	0.210	0.46	0.80	79	842	46	9 546	-532.0	1 498.8	1994	1995-11 ABAND 1994
124	3.03	0.230	0.30	0.80	79	842	46	10 773	-573.0	1 466.2	1994	1996-01 GPP
146	2.16	0.170	0.30	0.80	82	849	44	10 305	-496.6	1 417.9	1964	1982-12 GPP
32	3.40	0.180	0.34	0.82	56	857	45	10 001	-516.2	1 391.4	1995	1996-08
64	1.00	0.190	0.33	0.81	79	842	46			1 386.0	1997	1998-10
64	1.80	0.220	0.28	0.82	56	857	45		-474.5	1 398.1	1997	1997-12 GPP
128	1.50	0.200	0.38	0.82	56	857	45	7 596	-524.3	1 352.5	1997	1998-12
64	0.76	0.230	0.10	0.79	82	860	54	10 343	-534.7	1 439.7	1958	1968-03 ABAND 1961
16	2.44	0.200	0.21	0.79	82	860	46	10 277	-525.7	1 397.1	1959	1968-03 ABAND 1963
64	1.23	0.230	0.15	0.81	62	860	49	10 103	-490.9	1 398.6	1965	1981-12 ABAND 1988

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
HUSSAR 025-20W4 (CONTINUED)								
OSTRACOD X	158.0	0.05		7.9		7.9	5.1	2.8
OSTRACOD BB	54.6	<0.01		0.3		0.3	0.3	
OSTRACOD CC	111.0	<0.07		7.1		7.1	7.1	
OSTRACOD FF	88.7	<0.06		5.3		5.3	5.3	
OSTRACOD GG	55.7	<0.01		0.1		0.1	0.1	
BASAL MANNVILLE A	105.0	<0.04		3.6		3.6	3.6	
BASAL MANNVILLE C	222.0	0.10		22.2		22.2	19.2	3.0
BASAL MANNVILLE E	212.0	<0.02		2.8		2.8	2.8	
BASAL MANNVILLE G	111.0	<0.02		1.2		1.2	1.2	
BASAL MANNVILLE H	281.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE L	35.1	<0.08		2.7		2.7	2.7	
BASAL MANNVILLE N	318.0	0.08		25.4		25.4	25.0	0.4
BASAL MANNVILLE P	250.0	<0.05		12.3		12.3	12.3	
BASAL MANNVILLE Q	953.0	<0.06		56.0		56.0	56.0	
BASAL MANNVILLE S	196.0	0.10		19.6		19.6	3.1	16.5
BASAL MANNVILLE Y	175.0	0.10		17.5		17.5	16.4	1.1
BASAL MANNVILLE KK	75.2	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE OO	1 093.0	0.09		98.4		98.4	92.0	6.4
BASAL MANNVILLE QQ	113.0	0.05		5.7		5.7	1.6	4.1
BASAL MANNVILLE SS	163.0	<0.02		1.9		1.9	1.9	
BASAL MANNVILLE UU	71.7	0.05		3.6		3.6	1.0	2.6
BASAL MANNVILLE I&Z	276.0	0.14		38.6		38.6	38.2	0.4
BASAL MANNVILLE O, J & GGG TOTAL	2 001.0			200.0	95.5	296.0	247.7	48.3
PRIMARY AREA	90.8	0.10		9.1		9.1		
WATER FLOOD AREA	1 910.0	0.10	0.05	191.0	95.5	287.0		
BASAL MANNVILLE AAA	614.0	0.02		12.3		12.3	12.3	
BASAL MANNVILLE JJJ	364.0	0.15		54.6		54.6	11.8	42.8
BASAL QUARTZ B	221.0	0.04		8.8		8.8	3.2	5.6
PEKISKO B	143.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	25 623.5			5 611.8	216.5	5 829.2	5 076.2	753.0
HUTCH 112-22W5								
SLAVE POINT B	2 548.0	0.02		51.0		51.0	5.9	45.1
FIELD TOTAL	2 548.0			51.0		51.0	5.9	45.1
HUXLEY 035-25W4								
UPPER MANNVILLE J	317.0	0.20		63.4		63.4	11.0	52.4
LOWER MANNVILLE B	292.0	0.05		14.6		14.6	8.7	5.9
LOWER MANNVILLE C	38.8	<0.07		2.6		2.6	2.6	
FIELD TOTAL	647.8			80.6		80.6	22.3	58.3
HYTHE 073-10W6								
HALFWAY B	119.0	0.10		11.9		11.9	7.4	4.5
HALFWAY C	330.0	0.05		16.5		16.5	13.7	2.8
HALFWAY D	121.0	0.10		12.1		12.1	3.4	8.7
HALFWAY E	66.4	<0.04		2.5		2.5	2.4	0.1
HALFWAY F	1 331.0	0.10		133.0		133.0	53.0	80.0
HALFWAY K	168.0	0.10		16.8		16.8	4.4	12.4
FIELD TOTAL	2 135.4			192.8		192.8	84.3	108.5
INNISFAIL 034-01W5								
BELLY RIVER A	844.0	<0.02		10.0		10.0	10.0	
BELLY RIVER B	267.0	<0.01		0.2		0.2	0.2	
BELLY RIVER C	295.0	0.05		14.8		14.8	7.0	7.8
BLAIRMORE	87.6	<0.07		5.6		5.6	5.6	
D-3	19 700.0	0.68		13 400.0		13 400.0	13 055.0	345.0
FIELD TOTAL	21 193.6			13 430.6		13 430.6	13 077.8	352.8
IOSEGUN 067-20W5								
MONTNEY A	41.7	0.30		12.5		12.5	6.4	6.1
NISKU A	86.9	<0.07		5.6		5.6	5.6	
FIELD TOTAL	128.6			18.1		18.1	12.0	6.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.16	0.250	0.42	0.79	64	865	37	10 037	-442.2	1 309.2	1977	1984-12 GPP
64	1.50	0.160	0.55	0.79	80	857	54	9 496	-505.9	1 469.0	1980	1983-01 ABAND 1982
64	2.00	0.180	0.40	0.80	56	857	41	9 329	-482.9	1 399.9	1980	1992-10
64	1.30	0.180	0.26	0.80	84	841	40	10 047	-543.0	1 430.4	1984	1996-06 GPP
64	1.00	0.200	0.50	0.87	50	854	38	9 828	-440.9	1 279.5	1984	1985-07 ABAND 1985
33	2.13	0.220	0.14	0.80	82	849	46	10 342	-546.3	1 447.3	1957	1968-03 ABAND 1963
64	2.74	0.200	0.21	0.80	82	849	47	10 435	-539.3	1 451.6	1952	1971-03 GPP
32	6.40	0.168	0.23	0.80	82	849	44	10 220	-495.4	1 418.9	1959	1964-04 ABAND 1963
16	5.79	0.200	0.25	0.80	82	849	43	10 408	-502.2	1 399.8	1960	1996-06 GPP
32	7.32	0.200	0.25	0.80	82	849	43	10 084	-510.8	1 416.1	1960	1968-03 ABAND 1961
16	1.83	0.200	0.25	0.80	82	849	46	10 115	-544.3	1 449.3	1958	1977-07 GPP
133	2.13	0.200	0.30	0.80	82	849	42	10 276	-513.8	1 421.5	1964	1983-12 GPP
65	4.57	0.150	0.30	0.80	82	849	44	10 268	-521.0	1 426.0	1964	1983-12 ABAND 1988
317	2.32	0.200	0.19	0.80	82	849	46	10 677	-588.8	1 457.8	1959	1996-06 GPP
32	5.00	0.210	0.27	0.80	52	861	45	10 291	-525.1	1 435.5	1964	1998-11 GPP
65	2.32	0.200	0.26	0.79	82	849	42	9 955	-483.4	1 426.8	1959	1986-12 GPP
65	1.83	0.120	0.35	0.81	84	849	44	10 269	-532.8	1 409.7	1969	1970-08 ABAND 1995
144	11.40	0.160	0.48	0.80	61	877	37	10 271	-541.0	1 435.2	1977	1997-12 GPP
64	2.00	0.170	0.35	0.80	82	840	43	11 362	-620.6	1 520.5	1979	1980-11 GPP
16	11.50	0.170	0.35	0.80	63	865	39	8 810	-489.6	1 499.7	1980	1992-11 GPP
64	2.00	0.140	0.50	0.80	84	857	42	10 748	-590.7	1 481.9	1980	1990-07 GPP
50	4.78	0.190	0.24	0.80	84	849	38	10 414	-535.5	1 439.8	1955	1990-12 GPP
405					81	849	44	10 097	-509.8	1 413.7	1964	1994-07
48	2.19	0.180	0.40	0.80								
357	6.13	0.176	0.38	0.80								
64	12.46	0.150	0.41	0.87	52	861	49	10 100	-542.2	1 416.0	1985	1998-11 GPP
128	2.43	0.230	0.38	0.82	56	857	45	8 574	-505.6	1 439.2	1996	1998-05 GPP
64	4.80	0.180	0.50	0.80	70	870	30	9 803	-452.6	1 335.8	1981	1996-08 GPP
64	5.00	0.080	0.32	0.82	75	854	47	10 259	-576.1	1 441.5	1980	1981-10 ABAND 1983
626	8.73	0.070	0.26	0.90	42	883	40	9 754	-723.6	1 126.8	1986	1998-11 GPP
64	4.50	0.180	0.29	0.86	58	864	53	9 746	-723.0	1 635.0	1997	1997-07 GPP
64	4.10	0.160	0.20	0.87	47	875	62	9 873	-734.8	1 593.7	1988	1990-12 GPP
16	3.10	0.120	0.25	0.87	47	875	62	10 119	-719.4	1 578.3	1988	1996-06 GPP
64	5.50	0.063	0.20	0.67	155	825	62	22 007	-1 454.8	2 202.9	1978	1982-12 GPP
128	5.36	0.093	0.25	0.69	250	827	75	22 449	-1 440.0	2 179.0	1981	1996-08 GPP
64	5.45	0.080	0.36	0.68	188	830	62	22 204	-1 471.9	2 230.5	1979	1986-02 GPP
16	10.84	0.073	0.24	0.69	149	826	64	21 971	-1 447.1	2 221.9	1985	1996-06 GPP
536	5.00	0.100	0.28	0.69	149	823	64	22 343	-1 480.9	2 258.4	1986	1995-02 GPP
32	11.00	0.090	0.23	0.69	149	823	64	23 134	-1 433.6	2 187.1	1994	1995-11 GPP
128	9.08	0.150	0.45	0.88	36	816	36	8 531	-286.0	1 208.2	1982	1995-02 ABAND 1994
64	6.15	0.140	0.45	0.88	36	815	43	8 430	-274.3	1 195.5	1983	1988-12 ABAND 1985
32	11.90	0.160	0.45	0.88	36	876	43	8 528	-287.6	1 292.8	1983	1989-12 GPP
16	4.88	0.200	0.15	0.66	154	834	78	17 052	-1 112.0	2 055.7	1956	1996-06
3 034	23.47	0.060	0.13	0.53	300	806	92	24 694	-1 662.2	2 648.2	1957	1992-12 GPP
64	1.00	0.110	0.26	0.80	109	854	63	14 948	-906.7	1 704.7	1990	1992-11 GPP
64	2.50	0.080	0.13	0.78	95	910	66	31 123	-1 817.5	2 583.6	1984	1996-05 ABAND 1995

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
IRON SPRINGS 011-20W4								
BOW ISLAND A	50.4	0.10		5.0		5.0	4.3	0.7
FIELD TOTAL	50.4			5.0		5.0	4.3	0.7
IRRICANA 029-26W4								
WABAMUN D	45.7	0.20		9.1		9.1	1.0	8.1
WABAMUN E	78.7	0.20		15.7		15.7	2.2	13.5
FIELD TOTAL	124.4			24.8		24.8	3.2	21.6
JAYAR 062-03W6								
DUNVEGAN A	3 452.0	0.07		242.0		242.0	196.3	45.7
DUNVEGAN B	233.0	0.12		28.0		28.0	27.2	0.8
DUNVEGAN C	324.0	0.10		32.4		32.4	24.8	7.6
DUNVEGAN D	191.0	0.06		11.5		11.5	3.6	7.9
DUNVEGAN E	215.0	0.04		8.6		8.6	5.4	3.2
FIELD TOTAL	4 415.0			322.5		322.5	257.3	65.2
JOAN 091-10W5								
GRANITE WASH A	69.5	0.10		7.0		7.0	5.6	1.4
GRANITE WASH B	183.0	<0.02		3.6		3.6	3.6	
GRANITE WASH C	180.0	0.45		81.0		81.0	66.6	14.4
FIELD TOTAL	432.5			91.6		91.6	75.8	15.8
JOARCAM 048-21W4								
VIKING TOTAL	44 180.0			17 370.0	3 048.0	20 420.0	19 004.1	1 415.9
PRIMARY AREA	16 970.0	0.44		7 467.0		7 467.0		
WATER FLOOD AREA	27 210.0	<0.37	0.11	9 898.0	3 048.0	12 950.0		
VIKING C	115.0	0.10		11.5		11.5	6.3	5.2
VIKING K	11.2	0.01		0.1		0.1	0.1	
WABAMUN A	146.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	44 452.2			17 381.8	3 048.0	20 431.8	19 010.7	1 421.1
JOFFRE 038-26W4								
VIKING TOTAL	14 830.0			2 481.0	3 970.0	6 451.0	6 119.3	331.7
PRIMARY AREA	325.0	0.12		39.0		39.0		
SOLVENT FLOOD AREA	2 306.0	<0.17	0.38	387.0	883.0	1 270.0		
WATER FLOOD AREA	12 200.0	<0.17	0.25	2 055.0	3 087.0	5 142.0		
VIKING B	380.0	0.35		133.0		133.0	126.9	6.1
VIKING C	130.0	0.05		6.5		6.5	3.2	3.3
VIKING D	340.0	0.15		51.0		51.0	48.5	2.5
VIKING E	123.0	0.15		18.5		18.5	11.6	6.9
VIKING H	43.9	0.28		12.3		12.3	11.4	0.9
VIKING I	824.0	0.25		206.0		206.0	159.7	46.3
VIKING K	37.3	0.20		7.5		7.5	3.8	3.7
VIKING M	2 120.0	0.10		212.0		212.0	74.0	138.0
VIKING P	95.6	0.10		9.6		9.6	0.7	8.9
BLAIRMORE A	192.0	<0.04		5.8		5.8	5.8	
BLAIRMORE B	304.0	<0.11		32.8		32.8	32.8	
BLAIRMORE F	76.1	<0.04		2.5		2.5	2.5	
BLAIRMORE L	37.9	0.15		5.7		5.7	5.2	0.5
BLAIRMORE M	8.8	<0.05		0.4		0.4	0.4	
BLAIRMORE O	80.2	0.10		8.0		8.0	6.6	1.4
BLAIRMORE P	52.4	<0.02		0.7		0.7	0.7	
BLAIRMORE CC	41.9	<0.01		0.4		0.4	0.4	
BLAIRMORE EE	69.3	0.05		3.5		3.5	0.4	3.1
BLAIRMORE FF	151.0	0.10		15.1		15.1	2.7	12.4
BLAIRMORE LL	62.8	0.10		6.3		6.3	0.4	5.9
D-2 TOTAL	28 450.0			7 113.0	1 333.0	8 446.0	7 830.8	615.2
PRIMARY AREA	1 801.0	0.25		450.0		450.0		
WATER FLOOD AREA	26 650.0	0.25	0.05	6 663.0	1 333.0	7 996.0		
D-2 B	345.0	0.20		69.0		69.0	30.7	38.3
D-2 C	80.4	<0.01		0.6		0.6	0.6	
D-2 D	223.0	0.07		15.6		15.6	7.7	7.9
D-3 A	30.3	<0.05		1.4		1.4	1.4	
D-3 B SOLVENT FLOOD	1 650.0	0.40	0.30	660.0	495.0	1 155.0	911.7	243.3
D-3 C	55.7	<0.01		0.3		0.3	0.3	
D-3 D	133.0	<0.01		0.9		0.9	0.9	
D-3 E	78.6	<0.04		2.5		2.5	2.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	0.93	0.150	0.40	0.94	25	876	21	5 652	7.8	868.2	1977	1985-08 GPP ↓
16	7.10	0.070	0.13	0.66	167	828	83	23 220	-1 231.6	2 184.5	1995	1997-10
16	10.90	0.090	0.24	0.66	166	828	86	23 347	-1 254.4	2 211.8	1996	1997-10
758	9.10	0.110	0.30	0.65	185	752	66	23 812	-1 303.7	2 335.9	1979	1994-12 GPP
64	7.84	0.102	0.30	0.65	185	752	76	23 910	-1 336.8	2 394.0	1981	1995-12 GPP
100	7.79	0.100	0.36	0.65	155	832	74	21 827	-1 236.8	2 488.3	1982	1995-01 GPP
64	7.22	0.091	0.30	0.65	185	825	66	23 962	-1 268.7	2 537.6	1981	1996-08 GPP
64	7.83	0.100	0.37	0.68	165	824	66	21 758	-1 275.7	2 520.6	1988	1996-08 GPP
32	3.30	0.153	0.50	0.86	48	828	38	15 368	-921.0	1 481.3	1982	1998-12 GPP
64	3.10	0.165	0.35	0.86	55	830	35	15 733	-927.3	1 477.7	1982	1995-08 ABAND 1990
80	2.20	0.190	0.39	0.88	47	833	38	15 373	-921.7	1 471.9	1995	1997-12 GPP
11 273					34	834	36	6 225	-239.6	983.0	1949	1998-05 GPP
6 056	2.41	0.190	0.32	0.90								
5 217	4.17	0.193	0.28	0.90								
128	0.95	0.170	0.38	0.90	45	859	32	5 719	-213.8	992.5	1949	1997-12 GPP
16	1.30	0.100	0.40	0.90	43	852	34	5 878	-226.2	994.7	1987	1988-08 ABAND 1988
64	6.50	0.075	0.45	0.85	64	836	40	7 520	-418.0	1 188.8	1980	1984-12 GPP
8 210					67	820	51	7 414	-553.2	1 414.2	1953	1993-12 GPP
539	1.08	0.111	0.38	0.81								
1 064	3.89	0.111	0.38	0.81								
6 607	3.31	0.111	0.38	0.81								
785	0.83	0.120	0.40	0.81	66	817	56	8 180	-593.3	1 470.3	1955	1997-12 GPP
128	1.55	0.120	0.34	0.83	70	817	30	9 130	-696.1	1 603.3	1959	1985-08 GPP
500	1.06	0.120	0.34	0.81	66	817	56	7 771	-644.7	1 594.9	1981	1988-12 GPP
128	3.00	0.070	0.43	0.80	99	820	44	8 454	-705.1	1 559.4	1985	1986-08 GPP
51	1.20	0.150	0.41	0.81	67	821	56	7 714	-527.2	1 384.7	1990	1998-11 GPP
2 926	0.46	0.120	0.37	0.81	67	821	56	10 290	-669.4	1 577.9	1994	1998-12
64	1.00	0.120	0.40	0.81	67	821	56	10 335	-696.1	1 595.5	1994	1996-05
1 753	2.30	0.110	0.41	0.81	67	821	56	7 432	-637.4	1 613.3	1995	1997-09
64	6.00	0.060	0.50	0.83	66	814	61		-702.5	1 600.2	1996	1997-06
32	7.96	0.130	0.28	0.80	71	860	71	14 130	-873.0	1 754.1	1957	1964-04 ABAND 1970
162	2.44	0.130	0.25	0.79	76	860	67	14 550	-892.3	1 732.9	1958	1988-12 ABAND 1985
65	2.44	0.100	0.40	0.80	84	870	67	14 295	-850.1	1 724.0	1975	1975-12 ABAND 1987
64	1.46	0.080	0.35	0.78	91	878	69	13 509	-882.3	1 734.2	1985	1997-12 GPP
16	0.90	0.120	0.35	0.78	91	879	69	14 749	-871.7	1 801.6	1987	1996-06 GPP
64	1.50	0.120	0.14	0.81	79	891	70	13 622	-898.0	1 831.7	1988	1989-10 GPP
16	5.00	0.130	0.37	0.80	83	832	54	14 096	-731.9	1 673.5	1985	1996-06 ABAND 1998
32	2.80	0.100	0.40	0.78	91	879	69	11 342	-838.8	1 845.9	1995	1998-08 ABAND 1996
32	3.70	0.140	0.49	0.82	76	860	61		-921.7	1 831.4	1996	1997-05
32	7.30	0.150	0.50	0.86	58	877	58		-852.8	1 852.2	1996	1997-05
64	1.50	0.140	0.45	0.85	60	867	64			1 839.3	1995	1998-12
11 080					130	815	77	17 549	-1 272.3	2 182.6	1956	1993-11 GPP
740	6.86	0.060	0.19	0.73								
10 340	10.42	0.044	0.23	0.73								
64	9.80	0.080	0.15	0.81	76	892	61	13 540	-1 008.6	1 857.4	1992	1992-07 GPP
32	5.70	0.080	0.32	0.81	76	867	58	13 607	-1 016.5	1 893.0	1992	1994-11 ABAND 1993
64	11.89	0.050	0.22	0.75	100	838	66	13 582	-1 013.2	1 903.3	1992	1996-08 GPP
64	0.90	0.080	0.10	0.73	110	824	79	15 774	-1 246.0	2 212.5	1964	1986-01 ABAND 1986
61	48.65	0.090	0.13	0.71	140	832	72	16 620	-1 246.3	2 156.3	1985	1996-11 GPP
16	9.00	0.060	0.14	0.75	111	832	74	16 476	-1 210.0	2 120.8	1986	1996-06
16	14.40	0.090	0.10	0.71	135	829	78	18 560	-1 354.1	2 286.7	1987	1992-11 ABAND 1989
32	4.27	0.090	0.10	0.71	140	832	72	18 117	-1 315.8	2 223.5	1959	1993-07 ABAND 1961

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
JOFFRE 038-26W4 (CONTINUED)								
FIELD TOTAL	51 046.2			11 081.9	5 798.0	16 879.9	15 403.6	* 1 476.3
JOHNSON 017-14W4								
DETRITAL A	13.9	<0.02		0.2		0.2	0.2	
FIELD TOTAL *	13.9			0.2		0.2	0.2	
JOSEPHINE 083-09W6								
KISKATINAW B	149.0	<0.01		1.1		1.1	1.1	
FIELD TOTAL	149.0			1.1		1.1	1.1	
JUDY CREEK 063-11W5								
VIKING A	6 000.0	0.17		1 020.0		1 020.0	944.9	75.1
VIKING D	307.0	<0.01		0.1		0.1	0.1	
PEKISKO A	115.0	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE A	126 200.0			20 190.0	38 190.0	58 380.0	52 865.5	5 514.5
TOTAL								
PRIMARY AREA	235.0	0.12		28.2		28.2		
SOLVENT FLOOD AREA	74 360.0	0.16	0.34	11 900.0	25 280.0	37 180.0		
WATER FLOOD AREA	51 640.0	0.16	0.25	8 262.0	12 910.0	21 170.0		
BEAVERHILL LAKE B	43 000.0			8 600.0	12 080.0	20 680.0	17 599.2	3 080.8
TOTAL								
SOLVENT FLOOD AREA	19 940.0	0.20	0.34	3 988.0	6 780.0	10 770.0		
WATER FLOOD AREA	23 060.0	0.20	0.23	4 612.0	5 304.0	9 916.0		
BEAVERHILL LAKE C	275.0	<0.12		31.7		31.7	31.7	
BEAVERHILL LAKE D	60.8	0.15		9.1		9.1	2.0	7.1
FIELD TOTAL	175 957.8			29 851.0	50 270.0	80 121.0	71 443.5	8 677.5
JUDY CREEK SOUTH 062-11W5								
BEAVERHILL LAKE	1 783.0			356.0	259.0	615.0	586.4	28.6
TOTAL								
PRIMARY AREA	487.0	0.20		97.4		97.4		
WATER FLOOD AREA	1 296.0	0.20	0.20	259.0	259.0	518.0		
BEAVERHILL LAKE C	1 500.0	0.10		150.0		150.0	122.0	28.0
BEAVERHILL LAKE D	283.0	<0.01		0.6		0.6	0.6	
BEAVERHILL LAKE E	275.0	0.04		11.0		11.0	4.1	6.9
FIELD TOTAL	3 841.0			517.6	259.0	776.6	713.1	63.5
JUMPBUSH 020-19W4								
BOW ISLAND A	219.0	0.04		8.8		8.8	6.6	2.2
UPPER MANNVILLE A	3 230.0	0.35		1 131.0		1 131.0	909.4	221.6
UPPER MANNVILLE B	420.0	0.16		67.2		67.2	64.6	2.6
UPPER MANNVILLE E	384.0	<0.11		39.0		39.0	39.0	
UPPER MANNVILLE F	1 004.0			236.0	94.0	330.0	249.9	80.1
TOTAL								
PRIMARY AREA	63.9	<0.03		1.4		1.4		
WATER FLOOD AREA	940.0	0.25	0.10	235.0	94.0	329.0		
UPPER MANNVILLE G	102.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE H	400.0	0.20		80.0		80.0	79.6	0.4
UPPER MANNVILLE I	959.0	0.20		192.0		192.0	125.6	66.4
UPPER MANNVILLE J	269.0	0.10		26.9		26.9	25.8	1.1
UPPER MANNVILLE K	29.4	<0.08		2.2		2.2	2.2	
UPPER MANNVILLE M	398.0	0.20		79.6		79.6	68.7	10.9
UPPER MANNVILLE N	300.0	0.15	0.20	45.0	60.0	105.0	74.0	31.0
WATER FLOOD								
UPPER MANNVILLE O	99.8	0.15		15.0		15.0	12.4	2.6
UPPER MANNVILLE P	388.0	0.15		58.2		58.2	42.9	15.3
UPPER MANNVILLE Q	143.0	0.10		14.3		14.3	6.4	7.9
UPPER MANNVILLE T	194.0	0.10		19.4		19.4	1.0	18.4
UPPER MANNVILLE U	102.0	0.20		20.4		20.4	2.5	17.9
LOWER MANNVILLE A	66.0	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE B	147.0	<0.02		2.1		2.1	2.1	
FIELD TOTAL	8 854.2			2 038.8	154.0	2 192.8	1 714.4	478.4

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	1.00	0.220	0.52	0.82	70	888	54	10 745	-265.6	1 033.0	1983	1983-10 ABAND 1983
64	4.90	0.097	0.30	0.70	150	904	51	15 225	-1 062.4	1 749.7	1975	1982-12 ABAND 1987
4 210 65 32 13 059	1.46 4.57 7.50	0.170 0.170 0.070	0.34 0.30 0.22	0.87 0.87 0.88	48 51 47 122	839 849 921 820	54 48 61 96	9 177 8 464 12 963 24 106	-364.2 -398.3 -615.0 -1 577.6	1 428.7 1 487.0 1 523.3 2 629.8	1960 1977 1988 1959	1995-12 GPP 1983-12 GPP 1989-03 ABAND 1988 1997-03
64 5 502 7 493 4 565	12.30 25.18 12.84	0.050 0.090 0.090	0.16 0.16 0.16	0.71 0.71 0.71	184	815	97	24 856	-1 632.0	2 692.8	1959	GPP GPP GPP 1997-07
1 392 3 173 128 64	30.75 15.60 6.96 2.66	0.092 0.092 0.060 0.068	0.17 0.17 0.17 0.26	0.61 0.61 0.62 0.71	184 131	815 820	97 96	24 147 24 243	-1 638.7 -1 587.9	2 786.1 2 543.8	1962 1988	1996-06 GPP 1989-05 GPP
726					229	815	85	24 997	-1 652.0	2 723.4	1960	1990-12
256 470 1 230 128 64	6.45 8.12 3.08 8.50 12.80	0.060 0.069 0.068 0.050 0.080	0.18 0.18 0.18 0.35 0.40	0.60 0.60 0.71 0.80 0.70	112 176 131	815 828 820	84 92 96	23 210 24 183 24 887	-1 653.0 -1 667.7 -1 675.6	2 731.6 2 699.5 2 662.5	1960 1984 1985	GPP GPP ABAND 1990 GPP
64 320 142 128 325	4.80 7.10 2.50 2.10	0.140 0.220 0.190 0.210	0.44 0.24 0.25 0.20	0.91 0.85 0.83 0.85	32 75 73 75 93	860 876 846 876 865	36 41 40 41 39	7 481 11 990 11 462 11 961 12 123	-301.8 -438.1 -421.3 -434.5 -487.1	1 171.2 1 384.1 1 337.3 1 351.6 1 344.0	1991 1978 1976 1977 1976	1996-08 GPP 1995-04 GPP 1997-12 GPP 1996-06 GPP 1998-12
32 293 64 131 128 32 32 80 48	2.83 4.72 1.70 2.30 4.30 5.00 0.80 4.00 3.63	0.180 0.170 0.180 0.200 0.250 0.260 0.180 0.200 0.250	0.51 0.50 0.35 0.20 0.17 0.22 0.25 0.25 0.20	0.80 0.80 0.80 0.83 0.84 0.83 0.85 0.83 0.86	90 73 72 73 80 73 65	865 846 861 857 871 846 868	36 40 40 40 48 40 40	12 611 11 398 11 389 11 283 11 928 11 246 11 135	-485.6 -424.0 -423.2 -421.4 -430.3 -422.6 -438.8	1 354.5 1 329.0 1 303.5 1 306.5 1 342.1 1 310.0 1 349.2	1980 1972 1984 1987 1987 1979 1988	GPP ABAND 1987 1990-12 1997-08 GPP 1991-12 1996-06 GPP 1997-12 GPP 1998-06 GPP
64 32 32 32 16 16 64	1.61 7.73 4.30 4.70 4.50 3.08 4.02	0.190 0.250 0.160 0.250 0.220 0.210 0.140	0.40 0.27 0.22 0.40 0.25 0.25 0.52	0.85 0.86 0.83 0.86 0.86 0.85 0.85	75 65 69 67 65 56 62	876 868 860 876 868 887 855	41 40 35 40 40 41 43	11 756 10 268 11 089 7 389 11 491 11 569	-444.0 -444.0 -423.4 -442.6 -466.1 -539.0	1 397.8 1 366.8 1 316.3 1 375.7 1 521.0 1 405.8 1 415.0	1979 1992 1985 1996 1997 1977 1977	1992-04 GPP 1996-12 GPP 1992-12 GPP 1996-12 1998-04 1989-12 ABAND 1990 1990-12 ABAND 1993

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
JUMPING POUND 026-05W5								
VIKING A & B	269.0	0.05		13.5		13.5	4.0	9.5
FIELD TOTAL	269.0			13.5		13.5	4.0	9.5
KAKUT 075-03W6								
CHARLIE LAKE A	360.0	0.15		54.0		54.0	42.2	11.8
CHARLIE LAKE B	1 210.0	0.20	0.15	242.0	182.0	424.0	330.4	93.6
WATER FLOOD								
FIELD TOTAL	1 570.0			296.0	182.0	478.0	372.6	105.4
KAKWA 063-05W6								
MAIN CARDIUM A	3 993.0	0.10		399.0		399.0	197.9	201.1
MAIN CARDIUM E	12.1	<0.01		0.1		0.1	0.1	
A CARDIUM A TOTAL	11 570.0			2 055.0	981.0	3 036.0	2 374.1	661.9
PRIMARY AREA	6 407.0	0.20		1 281.0		1 281.0		
GAS FLOOD AREA	5 163.0	0.15	0.19	774.0	981.0	1 755.0		
C CARDIUM A	1 331.0	0.05		66.6		66.6	65.2	1.4
C CARDIUM B	324.0	0.09		29.2		29.2	26.1	3.1
C CARDIUM C	120.0	<0.01		0.2		0.2	0.2	
DUNVEGAN B	99.9	<0.02		1.7		1.7	1.7	
DUNVEGAN C	186.0	<0.07		11.9		11.9	11.9	
FIELD TOTAL	17 636.0			2 563.7	981.0	3 544.7	2 677.2	867.5
KARR 066-02W6								
DUNVEGAN A	68.4	<0.01		0.1		0.1	0.1	
DUNVEGAN C	54.5	<0.03		1.4		1.4	1.4	
DUNVEGAN E	86.8	0.10		8.7		8.7	0.3	8.4
NIKANASSIN A	56.2	<0.12		6.3		6.3	6.3	
NIKANASSIN C	93.7	0.05		4.7		4.7	0.4	4.3
BEAVERHILL LAKE A	1 340.0	0.40		536.0		536.0	312.3	223.7
BEAVERHILL LAKE B	72.3	0.15		10.8		10.8	8.5	2.3
FIELD TOTAL	1 771.9			568.0		568.0	329.3	238.7
KAYBOB 064-19W5								
GETHING C	186.0	<0.01		0.1		0.1	0.1	
GETHING D	205.0	0.02		4.1		4.1	1.6	2.5
GETHING I	33.3	<0.01		0.2		0.2	0.2	
GETHING K	5 762.0	<0.02		80.7		80.7	80.7	
GETHING O	737.0	0.10		73.7		73.7	47.8	25.9
GETHING W	98.1	<0.04		3.4		3.4	3.4	
GETHING Y	323.0	0.05		16.2		16.2	2.1	14.1
ROCK CREEK A	88.8	<0.02		1.7		1.7	1.7	
TRIASSIC A	53.3	0.03		1.6		1.6	1.6	
TRIASSIC B	3 144.0	<0.11	0.05	315.0	157.0	472.0	71.1	400.9
WATER FLOOD								
TRIASSIC C	223.0	0.10		22.3		22.3	2.8	19.5
TRIASSIC D	84.9	0.10		8.5		8.5	0.6	7.9
TRIASSIC E	131.0	0.10		13.1		13.1	1.9	11.2
NISKU C	275.0	<0.03		7.5		7.5	7.5	
NISKU D	412.0	0.10		41.2		41.2	4.0	37.2
BEAVERHILL LAKE A	44 350.0			7 093.0	12 760.0	19 850.0	18 997.0	853.0
TOTAL								
PRIMARY AREA	351.0	0.15		52.7		52.7		
SOLVENT FLOOD AREA	34 000.0	0.16	0.30	5 440.0	10 360.0	15 800.0		
WATER FLOOD AREA	10 000.0	0.16	0.24	1 600.0	2 400.0	4 000.0		
BEAVERHILL LAKE B	1 315.0	0.20		263.0		263.0	226.6	36.4
BEAVERHILL LAKE D	95.2	0.05		4.8		4.8	2.3	2.5
GRANITE WASH A	78.7	<0.02		1.2		1.2	1.2	
FIELD TOTAL	57 595.3			7 951.3	12 917.0	20 865.3	19 454.2	1 411.1
KAYBOB SOUTH 060-19W5								
SECOND WHITE	200.0	0.10		20.0		20.0	12.7	7.3
SPECKS A								
SECOND WHITE	136.0	0.15		20.4		20.4	5.5	14.9
SPECKS B								
DUNVEGAN A	174.0	<0.02		2.4		2.4	2.4	
DUNVEGAN B	808.0	<0.03		16.9		16.9	16.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	24.80	0.110	0.30	0.88	68	839	65	8 871	-946.6	2 189.9	1992	1993-02
247	1.88	0.134	0.32	0.85	68	847	49	13 815	-795.3	1 510.0	1982	1985-11 GPP
768	1.19	0.195	0.14	0.79	86	813	63	13 164	-742.5	1 416.8	1984	1994-04 GPP
2 241	4.00	0.090	0.25	0.66	192	790	53	20 561	-791.6	1 822.2	1979	1998-03
4	6.00	0.100	0.21	0.64	189	802	53	13 365	-890.5	1 943.5	1993	1998-11 GPP
11 852					254	794	52	21 702	-856.6	1 828.2	1978	1997-12
8 297	1.50	0.110	0.22	0.60								GPP
3 555	2.44	0.124	0.20	0.60								GPP
1 490	1.37	0.130	0.15	0.59	253	780	52	21 415	-799.7	1 813.1	1979	1995-12
204	2.61	0.120	0.14	0.59	268	790	55	20 632	-778.5	1 809.0	1980	1997-12 GPP
32	9.48	0.100	0.37	0.63	192	775	51	13 347	-735.3	1 736.9	1957	1994-11 ABAND 1994
64	5.20	0.110	0.58	0.65	160	811	74	23 923	-1 393.4	2 346.1	1981	1988-12 ABAND 1987
64	5.10	0.120	0.35	0.73	165	830	67	23 949	-1 397.6	2 457.8	1980	1996-06
32	3.62	0.120	0.40	0.82	72	837	49	13 018	-779.4	1 627.9	1984	1986-01 ABAND 1995
16	5.54	0.121	0.38	0.82	68	847	48	14 570	-957.9	1 834.7	1986	1996-06 GPP
16	13.50	0.100	0.51	0.82	68	846	48	11 018	-854.5	1 729.8	1988	1995-09 GPP
32	2.50	0.130	0.10	0.60	246	823	90	22 709	-1 599.5	2 358.0	1988	1998-11 GPP
32	4.40	0.110	0.11	0.68	161	823	78	12 588	-1 604.2	2 407.1	1989	1996-03 GPP
225	16.32	0.080	0.20	0.57	270	789	117	61 097	-3 003.8	3 772.9	1995	1998-04 GPP
32	6.70	0.080	0.26	0.57	250	789	117	59 299	-3 047.4	3 864.5	1995	1997-09
64	6.70	0.100	0.49	0.85	48	885	71	14 042	-949.8	1 754.2	1981	1983-12
64	2.70	0.170	0.17	0.84	96	874	60	14 275	-979.2	1 753.9	1981	1997-11 GPP
16	2.20	0.150	0.30	0.90	34	941	54	14 859	-966.5	1 760.1	1986	1988-01 ABAND 1988
1 040	5.82	0.160	0.30	0.85	57	887	73	14 557	-1 022.0	1 810.2	1960	1996-06 GPP
188	4.10	0.170	0.33	0.84	64	874	60	14 477	-1 052.9	1 839.0	1985	1998-12 GPP
16	7.49	0.150	0.35	0.84	70	874	60	14 435	-1 047.5	1 828.9	1985	1996-06 ABAND 1997
32	8.00	0.200	0.25	0.84	64	860	60			1 802.5	1995	1998-04
16	8.50	0.140	0.37	0.74	126	893	71	14 100	-857.9	1 673.7	1990	1996-06 GPP
64	1.24	0.137	0.30	0.70	117	828	79	16 822	-1 138.3	1 924.1	1986	1993-12 ABAND 1992
384	11.30	0.140	0.31	0.75	90	829	76	15 189	-1 018.6	1 797.3	1994	1997-09
32	11.00	0.120	0.34	0.80	90	830	76	15 142	-1 009.2	1 772.9	1995	1997-01
32	4.80	0.100	0.30	0.79	81	837	75		-1 024.6	1 775.4	1996	1997-08
64	2.60	0.140	0.24	0.74	114	811	81	15 059	-1 209.2	1 990.7	1996	1997-10 GPP
16	36.00	0.072	0.15	0.78	100	837	74	21 934	-1 799.0	2 541.5	1978	1992-11 GPP
32	29.30	0.070	0.14	0.73	117	844	86	19 697	-1 798.7	2 540.0	1995	1995-08
6 948					199	811	113	32 038	-2 212.6	2 980.9	1957	1990-12
128	9.88	0.064	0.30	0.62								GPP
5 000	17.82	0.076	0.19	0.62								GPP
1 820	18.57	0.062	0.23	0.62								GPP
808	6.54	0.060	0.32	0.61	435	797	109	30 904	-2 151.0	2 945.2	1961	1995-12
64	3.20	0.100	0.25	0.62	199	811	113	30 858	-2 236.1	3 025.7	1991	1995-11 GPP
32	1.22	0.280	0.20	0.90	34	844	43	26 081	-2 323.8	3 066.9	1955	1996-12 ABAND 1958
64	4.00	0.150	0.35	0.80	84	824	52	18 200	-799.4	1 629.0	1981	1982-01 GPP
64	6.00	0.080	0.35	0.68	141	812	69	19 561	-842.6	1 671.0	1995	1996-03
64	3.64	0.160	0.40	0.78	94	830	60	16 537	-1 128.6	2 002.8	1977	1979-11 ABAND 1983
256	4.33	0.130	0.34	0.85	82	831	55	13 796	-739.8	1 685.3	1976	1996-06 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
KAYBOB SOUTH 060-19W5 (CONTINUED)								
DUNVEGAN E	104.0	0.10		10.4		10.4	1.1	9.3
DUNVEGAN H	71.0	0.05		3.6		3.6	0.2	3.4
UPPER MANNVILLE D & TRIASSIC B	300.0	0.20		60.0		60.0	46.9	13.1
BLUESKY A	63.9	<0.01		0.6		0.6	0.6	
BLUESKY L	66.2	0.05		3.3		3.3	2.7	0.6
BLUESKY P	123.0	0.10		12.3		12.3	7.7	4.6
BLUESKY X	86.3	0.10		8.6		8.6	0.6	8.0
BLUESKY D & V	1 502.0	0.10		150.0		150.0	17.6	132.4
TRIASSIC A TOTAL	34 910.0			5 890.0	13 080.0	18 970.0	17 454.5	1 515.5
PRIMARY AREA	611.0	0.17		104.0		104.0		
SOLVENT FLOOD AREA	14 500.0	<0.17	0.38	2 420.0	5 555.0	7 975.0		
WATER FLOOD AREA	19 800.0	0.17	0.38	3 366.0	7 524.0	10 890.0		
TRIASSIC D	135.0	0.03		4.1		4.1	1.3	2.8
NISKU C	234.0	0.30		70.2		70.2	62.6	7.6
FIELD TOTAL	38 913.4			6 272.8	13 080.0	19 352.8	17 633.3	1 719.5
KEHO 011-22W4								
COLORADO A	388.0	0.09		34.9		34.9	29.0	5.9
COLORADO C	128.0	0.10		12.8		12.8	1.8	11.0
BOW ISLAND C	345.0	<0.02		5.4		5.4	5.4	
BOW ISLAND F	276.0	0.10		27.6		27.6	27.1	0.5
BOW ISLAND G	414.0	0.10	0.07	41.4	29.0	70.4	65.0	5.4
WATER FLOOD								
BOW ISLAND H	99.8	<0.05		4.4		4.4	4.4	
ELKTON A	192.0	<0.06		11.1		11.1	11.1	
PEKISKO A	242.0	<0.02		2.7		2.7	2.7	
FIELD TOTAL *	2 084.8			140.3	29.0	169.3	146.5	22.8
KELSEY 044-18W4								
LOWER MANNVILLE A	37.7	<0.03		0.8		0.8	0.8	
LOWER MANNVILLE B	1 123.0	0.20		225.0		225.0	96.7	128.3
FIELD TOTAL	1 160.7			225.8		225.8	97.5	128.3
KIDNEY 092-05W5								
SLAVE POINT A	246.0	<0.01		1.0		1.0	1.0	
SLAVE POINT B	166.0	<0.01		0.1		0.1	0.1	
SLAVE POINT C	252.0	<0.01		0.2		0.2	0.2	
KEG RIVER A	671.0	0.25		168.0		168.0	98.8	69.2
KEG RIVER B	1 600.0	0.50		800.0		800.0	624.2	175.8
KEG RIVER C	1 405.0	0.45		632.0		632.0	454.3	177.7
KEG RIVER D	273.0	0.15		41.0		41.0	40.2	0.8
KEG RIVER I	288.0	0.25		72.0		72.0	66.4	5.6
KEG RIVER J	1 002.0	0.35		351.0		351.0	256.8	94.2
KEG RIVER K	142.0	<0.06		7.7		7.7	7.7	
KEG RIVER L	168.0	0.15		25.2		25.2	22.7	2.5
KEG RIVER M	381.0	0.09		34.3		34.3	28.5	5.8
KEG RIVER N	10.7	<0.06		0.6		0.6	0.6	
KEG RIVER O	80.7	0.20		16.1		16.1	13.9	2.2
KEG RIVER P	55.1	<0.13		6.9		6.9	6.9	
KEG RIVER Q	265.0	0.25		66.3		66.3	47.7	18.6
KEG RIVER R	65.1	<0.05		3.2		3.2	3.2	
KEG RIVER S	14.6	0.26		3.8		3.8	3.8	
KEG RIVER T	276.0	0.20		55.2		55.2	23.5	31.7
KEG RIVER V	153.0	0.35		53.6		53.6	43.5	10.1
KEG RIVER W	519.0	0.05		26.0		26.0	17.4	8.6
KEG RIVER X	177.0	0.25		44.3		44.3	11.4	32.9
KEG RIVER Y	628.0	0.30		188.0		188.0	145.9	42.1
KEG RIVER BB	2 086.0	0.45		939.0		939.0	685.8	253.2
KEG RIVER CC	395.0	0.17		67.2		67.2	63.0	4.2
KEG RIVER DD	169.0	0.25		42.3		42.3	36.0	6.3
KEG RIVER EE	198.0	0.25		49.5		49.5	31.8	17.7
KEG RIVER FF	67.8	0.25		17.0		17.0	15.5	1.5
KEG RIVER GG	32.0	0.15		4.8		4.8	1.1	3.7
KEG RIVER HH	62.4	0.15		9.4		9.4	3.3	6.1
KEG RIVER II	105.0	0.30		31.5		31.5	27.7	3.8
KEG RIVER JJ	117.0	<0.07		7.1		7.1	7.1	
KEG RIVER KK	116.0	0.10		11.6		11.6	4.8	6.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	5.50	0.100	0.25	0.79	99	871	60	15 963	-738.6	1 541.3	1978	1996*09 GPP
32	4.30	0.120	0.50	0.86	98	856	65		-814.3	1 869.3	1997	1998-11 GPP
192	2.09	0.130	0.19	0.71	123	815	86		-1 422.5	2 400.0	1995	1997-12 GPP
65	1.52	0.120	0.28	0.75	103	829	82	13 255	-1 088.5	2 024.8	1976	1983-12 ABAND 1980
64	1.90	0.110	0.34	0.75	100	842	73	14 925	-1 292.5	2 242.1	1993	1997-03 GPP
64	2.40	0.130	0.23	0.80	93	880	55	16 480	-1 166.6	2 045.0	1994	1995-12 GPP
64	3.60	0.080	0.35	0.72	122	839	91		-1 309.9	2 385.5	1997	1998-10 GPP
476	5.71	0.110	0.33	0.75	100	842	70	13 998	-1 270.8	2 196.0	1991	1998-12 GPP
8 652					123	815	86	17 295	-1 249.7	2 125.2	1962	1997-12 GPP
338	2.20	0.130	0.11	0.71								
3 249	6.73	0.105	0.11	0.71								GPP
5 065	5.89	0.105	0.11	0.71								GPP
32	4.80	0.150	0.26	0.79	81	837	75	16 081	-1 222.2	2 016.5	1996	1998-06 GPP
64	7.00	0.110	0.12	0.54	277	810	102	24 503	-1 862.1	2 985.5	1991	1998-11 GPP
256	1.25	0.187	0.28	0.90	24	870	38	7 713	-135.5	1 133.2	1932	1998-07 GPP
128	0.60	0.290	0.28	0.80	101	878	38		-518.3	1 482.1	1996	1998-06 GPP
65	6.95	0.163	0.50	0.94	20	839	49	8 165	-206.5	1 175.5	1974	1988-12 ABAND 1984
128	2.90	0.150	0.45	0.90	27	819	31	5 739	-63.0	997.1	1981	1986-04 GPP
270	1.71	0.135	0.30	0.95	27	873	31	5 703	-55.8	957.5	1983	1994-12 GPP
125	1.20	0.100	0.30	0.95	25	855	32	4 170	-77.5	1 044.9	1978	1994-11 ABAND 1990
64	3.05	0.160	0.14	0.71	128	839	42	14 931	-579.9	1 551.0	1972	1994-05 ABAND 1993
64	19.00	0.030	0.15	0.78	92	878	50	18 875	-927.1	1 902.5	1979	1983-12 ABAND 1983
16	2.24	0.210	0.41	0.85	58	856	42	7 284	-371.2	1 079.7	1982	1996-06 GPP
230	2.80	0.240	0.21	0.92	35	875	34	8 273	-404.6	1 135.8	1987	1998-05 GPP
64	12.50	0.060	0.41	0.87	53	827	33	14 145	-554.4	1 054.4	1987	1987-01 ABAND 1989
32	14.80	0.067	0.40	0.87	52	850	34	13 971	-539.2	1 036.6	1986	1992-08 ABAND 1995
64	6.80	0.090	0.26	0.87	57	822	38	13 975	-539.8	1 037.0	1987	1988-09 ABAND 1989
200	10.50	0.055	0.34	0.88	47	829	40	13 953	-709.8	1 288.7	1985	1991-12 GPP
583	7.12	0.060	0.27	0.88	43	825	39	14 063	-726.5	1 352.9	1985	1998-02 GPP
610	5.34	0.070	0.30	0.88	43	818	36	14 058	-732.4	1 433.7	1986	1995-03 GPP
64	8.22	0.092	0.36	0.88	42	835	39	13 991	-727.0	1 323.3	1986	1991-12 GPP
100	7.44	0.063	0.31	0.89	23	835	39	14 069	-714.3	1 328.8	1986	1994-12 GPP
585	4.99	0.060	0.35	0.88	45	835	38	14 154	-741.8	1 474.3	1986	1995-12 GPP
119	4.30	0.050	0.37	0.88	47	835	40	14 049	-733.1	1 334.8	1986	1994-11 GPP
100	6.00	0.054	0.43	0.91	43	854	41	14 683	-786.5	1 431.6	1986	1998-12 GPP
203	4.65	0.079	0.42	0.88	47	829	40	13 402	-719.0	1 314.1	1986	1996-08 GPP
16	2.09	0.056	0.35	0.88	43	838	39	13 476	-728.7	1 406.6	1986	1996-06 GPP
16	12.45	0.061	0.27	0.91	32	831	39	14 250	-735.0	1 339.7	1985	1990-12 GPP
16	11.20	0.060	0.39	0.84	32	834	41	13 509	-742.8	1 329.1	1985	1992-06 ABAND 1992
128	5.97	0.056	0.32	0.91	45	835	39	14 342	-754.8	1 374.1	1986	1988-07 GPP
64	4.73	0.043	0.45	0.91	32	835	39	14 589	-748.0	1 331.6	1986	1995-12 ABAND 1995
16	2.80	0.053	0.30	0.88	43	818	39	14 302	-760.5	1 417.6	1986	1998-11 GPP
128	5.80	0.060	0.32	0.91	32	821	39	14 231	-757.7	1 394.9	1986	1997-06 GPP
100	4.80	0.050	0.30	0.91	32	821	39	14 067	-762.2	1 392.8	1987	1995-10 GPP
128	12.80	0.053	0.33	0.89	41	818	39	14 327	-763.9	1 478.8	1987	1996-08 GPP
64	5.80	0.086	0.37	0.88	47	835	40	13 642	-709.8	1 274.9	1987	1987-07 GPP
328	6.10	0.050	0.31	0.91	32	824	39	14 413	-764.1	1 495.7	1987	1996-05 GPP
653	5.95	0.078	0.26	0.93	23	835	39	33 884	-739.4	1 472.4	1987	1995-12 GPP
200	6.45	0.051	0.34	0.91	41	841	39	13 565	-764.8	1 495.2	1987	1994-12 GPP
64	7.90	0.056	0.33	0.89	41	835	39	13 937	-749.9	1 483.7	1986	1988-01 GPP
192	3.60	0.050	0.35	0.88	35	835	39	14 378	-755.3	1 492.3	1986	1994-08 GPP
64	4.50	0.042	0.37	0.89	41	835	39	13 099	-712.8	1 303.0	1987	1988-07 GPP
16	7.80	0.040	0.28	0.89	41	842	39	13 482	-762.8	1 470.0	1987	1996-05 GPP
32	6.00	0.050	0.27	0.89	41	842	39	13 976	-756.6	1 473.0	1987	1996-12 GPP
64	5.50	0.050	0.32	0.88	32	824	39	14 244	-764.9	1 503.8	1987	1997-12 GPP
64	6.00	0.050	0.33	0.91	32	833	39	14 320	-785.8	1 525.0	1987	1996-06 GPP
64	3.40	0.080	0.25	0.89	32	819	35	14 116	-758.3	1 468.4	1987	1996-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
KIDNEY 092-05W5 (CONTINUED)								
KEG RIVER LL	28.9	<0.02		0.5		0.5	0.5	
KEG RIVER MM	96.6	0.22		21.3		21.3	19.0	2.3
KEG RIVER NN	551.0	0.05		27.6		27.6	22.5	5.1
KEG RIVER OO	31.4	<0.10		3.1		3.1	3.1	
KEG RIVER PP	70.3	<0.05		3.1		3.1	3.1	
KEG RIVER QQ	268.0	0.25		67.0		67.0	38.2	28.8
KEG RIVER RR	113.0	0.35		39.6		39.6	37.1	2.5
KEG RIVER SS	428.0	0.15		64.2		64.2	54.9	9.3
KEG RIVER TT	275.0	<0.12		32.3		32.3	32.3	
KEG RIVER UU	86.9	<0.10		8.1		8.1	8.1	
KEG RIVER VV	175.0	0.35		61.3		61.3	56.6	4.7
KEG RIVER WW	477.0	0.35		167.0		167.0	99.7	67.3
KEG RIVER XX	23.1	<0.07		1.6		1.6	1.6	
KEG RIVER YY	45.5	<0.18		8.0		8.0	8.0	
KEG RIVER ZZ	103.0	<0.12		12.0		12.0	12.0	
KEG RIVER AAA	43.0	<0.12		4.9		4.9	4.9	
KEG RIVER BBB	80.2	<0.14		10.5		10.5	10.5	
KEG RIVER CCC	106.0	<0.14		13.8		13.8	13.8	
KEG RIVER DDD	32.5	<0.09		2.8		2.8	2.8	
KEG RIVER EEE	17.4	<0.07		1.1		1.1	1.1	
KEG RIVER JJJ	43.7	0.25		10.9		10.9	9.0	1.9
KEG RIVER MMM	6.4	<0.13		0.8		0.8	0.8	
KEG RIVER NNN	123.0	<0.05		5.1		5.1	5.1	
KEG RIVER OOO	351.0	0.12		42.1		42.1	26.8	15.3
KEG RIVER PPP	58.4	<0.10		5.7		5.7	5.7	
KEG RIVER RRR	105.0	0.10		10.5		10.5	6.5	4.0
KEG RIVER UUU	143.0	0.25		35.8		35.8	19.0	16.8
KEG RIVER VVV	98.8	0.12		11.9		11.9	6.2	5.7
KEG RIVER WWW	50.9	0.10		5.1		5.1	3.6	1.5
KEG RIVER XXX	181.0	0.20		36.2		36.2	13.8	22.4
FIELD TOTAL	16 399.4			4 489.8		4 489.8	3 321.1	1 168.7
KILLAM 043-10W4								
UPPER VIKING B	318.0	0.17		54.1		54.1	48.0	6.1
UPPER VIKING C	44.4	<0.08		3.5		3.5	3.5	
UPPER VIKING E	70.0	<0.01		0.3		0.3	0.3	
UPPER VIKING G	205.0	0.05		10.3		10.3	1.9	8.4
UPPER VIKING H	388.0	<0.03		11.6		11.6	11.6	
UPPER VIKING K	33.5	<0.02		0.4		0.4	0.4	
GLAUCONITIC FF	4 410.0	0.45		1 985.0		1 985.0	1 865.3	119.7
GLAUCONITIC PP	280.0	0.40		112.0		112.0	77.8	34.2
GLAUCONITIC MMM	84.6	0.20		16.9		16.9	1.8	15.1
ELLERSLIE JJ	494.0	<0.03		11.3		11.3	10.0	1.3
ELLERSLIE KK	104.0	0.10		10.4		10.4	8.3	2.1
ELLERSLIE LL	51.6	<0.04		1.7		1.7	1.7	
ELLERSLIE MM	290.0	0.60		174.0		174.0	121.4	52.6
ELLERSLIE NN	1 008.0	0.62		625.0		625.0	522.0	103.0
ELLERSLIE OO	64.8	0.20		13.0		13.0	8.3	4.7
ELLERSLIE QQ	120.0	0.10		12.0		12.0	2.4	9.6
FIELD TOTAL *	7 965.9			3 041.5		3 041.5	2 684.7	356.8
KIM 008-26W4								
LIVINGSTONE A	397.0	<0.03		11.2		11.2	11.2	
FIELD TOTAL	397.0			11.2		11.2	11.2	
KIPP 008-23W4								
WABAMUN A	402.0	0.08		32.2		32.2	31.0	1.2
FIELD TOTAL	402.0			32.2		32.2	31.0	1.2
KITTY 086-12W5								
SLAVE POINT A	138.0	0.25		34.5		34.5	16.3	18.2
SLAVE POINT B	408.0	0.30		122.0		122.0	100.7	21.3
SLAVE POINT C	333.0	0.40		133.0		133.0	121.0	12.0
SLAVE POINT D	27.5	0.09		2.5		2.5	2.5	
SLAVE POINT E	134.0	<0.02		2.0		2.0	2.0	
SLAVE POINT F	103.0	<0.02		2.0		2.0	2.0	
SLAVE POINT G	34.7	0.40		13.9		13.9	11.9	2.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	4.80	0.058	0.27	0.89	41	820	39	14 449	-741.0	1 472.3	1987	1996-03 ABAND 1996
32	10.50	0.040	0.21	0.91	32	824	39	13 931	-769.9	1 396.6	1988	1998-11 GPP
276	6.67	0.050	0.32	0.88	47	829	36	14 259	-780.9	1 291.6	1988	1998-11 GPP
16	5.70	0.060	0.37	0.91	32	824	39	13 087	-729.0	1 296.0	1988	1996-06 GPP
32	7.25	0.049	0.32	0.91	32	824	39	14 649	-771.0	1 467.5	1987	1995-12 ABAND 1995
159	4.60	0.060	0.33	0.91	32	824	39	14 558	-764.6	1 493.6	1987	1992-05 GPP
96	3.57	0.050	0.26	0.89	41	820	39	12 840	-718.0	1 319.9	1987	1995-04 GPP
64	14.90	0.068	0.25	0.88	43	819	39	13 970	-747.4	1 479.9	1988	1996-08 GPP
100	8.17	0.050	0.26	0.91	32	824	39	14 184	-776.1	1 300.9	1988	1998-11 GPP
64	4.18	0.050	0.27	0.89	41	820	39	14 046	-771.9	1 513.7	1988	1996-06 GPP
128	3.80	0.060	0.32	0.88	43	810	39	12 394	-715.3	1 300.4	1988	1994-11 GPP
186	5.20	0.080	0.30	0.88	43	879	39	15 299	-743.3	1 476.6	1988	1998-02 GPP
16	4.80	0.056	0.39	0.88	43	810	39	12 926	-724.4	1 317.5	1988	1996-06 GPP
64	2.11	0.052	0.28	0.90	32	824	39	13 679	-801.5	1 341.2	1988	1996-06 ABAND 1996
64	4.89	0.053	0.32	0.91	32	824	39	13 902	-783.2	1 300.0	1988	1996-06 ABAND 1996
64	1.81	0.053	0.22	0.90	32	824	39	14 830	-796.1	1 480.7	1988	1996-06 GPP
64	4.07	0.050	0.30	0.88	43	819	39	12 427	-728.7	1 328.9	1988	1996-06 GPP
64	7.50	0.041	0.41	0.91	32	824	39	13 444	-791.2	1 331.7	1989	1997-05 ABAND 1996
32	2.40	0.074	0.35	0.88	47	829	40	12 389	-712.8	1 293.3	1988	1996-06 ABAND 1996
16	2.10	0.084	0.30	0.88	47	829	40	12 964	-709.3	1 299.0	1988	1996-06 ABAND 1997
64	3.00	0.050	0.50	0.91	32	824	39	12 575	-786.5	1 332.8	1990	1991-12 GPP
32	0.73	0.050	0.40	0.91	32	824	39	12 473	-772.6	1 485.0	1987	1996-12 GPP
16	20.40	0.070	0.41	0.91	36	825	35	11 214	-781.0	1 516.5	1990	1996-06 GPP
128	8.60	0.050	0.30	0.91	36	825	35	10 561	-710.5	1 282.9	1991	1996-08 GPP
16	9.90	0.060	0.31	0.89	41	824	39	10 644	-742.6	1 481.4	1990	1996-06 GPP
32	8.62	0.050	0.15	0.89	41	819	39	11 442	-756.9	1 359.8	1991	1992-02 GPP
128	2.92	0.060	0.30	0.91	32	824	39	8 834	-718.8	1 316.0	1993	1994-04 GPP
64	4.50	0.060	0.35	0.88	46	823	43	13 484	-719.3	1 320.5	1994	1996-08 GPP
32	5.50	0.050	0.35	0.89	41	818	39	14 000	-737.8	1 357.3	1995	1998-11 GPP
64	5.92	0.070	0.25	0.91	36	824	35	11 024	-767.6	1 272.8	1996	1997-05 GPP
244	1.16	0.190	0.35	0.91	38	849	27	5 656	-84.5	781.4	1957	1997-12 GPP
32	1.22	0.250	0.50	0.91	39	849	28	5 674	-86.8	788.1	1971	1992-03 ABAND 1992
64	1.50	0.160	0.50	0.91	39	854	34	6 285	-108.5	817.3	1979	1979-10 ABAND 1988
64	1.80	0.300	0.37	0.94	18	853	29	4 508	-99.6	807.1	1980	1996-03 GPP
160	2.15	0.210	0.41	0.91	26	851	36	4 311	-84.7	794.4	1981	1996-06 GPP
16	2.40	0.170	0.46	0.95	24	857	33	5 717	-92.0	799.9	1982	1996-06 GPP
400	5.36	0.260	0.14	0.92	39	910	34	6 951	-198.7	948.8	1979	1991-12 GPP
44	3.26	0.250	0.15	0.92	35	874	34	6 829	-298.7	1 018.3	1988	1992-11 GPP
64	1.47	0.190	0.48	0.91	35	888	40		-242.1	951.5	1997	1998-11 GPP
112	2.36	0.260	0.21	0.91	37	899	35	5 697	-234.4	929.7	1990	1998-11 GPP
64	1.20	0.230	0.35	0.91	37	898	35	6 651	-259.7	969.4	1990	1990-12 GPP
16	2.20	0.230	0.30	0.91	37	899	35	6 620	-294.8	1 009.7	1990	1995-10 ABAND 1995
53	3.04	0.250	0.21	0.91	37	899	35	6 465	-280.7	989.5	1990	1997-12 GPP
160	3.24	0.260	0.16	0.89	33	875	39	6 497	-280.7	988.0	1991	1998-12 GPP
8	4.80	0.240	0.26	0.95	16	908	34	6 573	-290.4	1 012.4	1991	1997-12 GPP
34	2.38	0.230	0.30	0.92	48	897	37	6 540	-285.3	991.3	1992	1994-03 GPP
64	26.00	0.053	0.25	0.60	210	820	61	22 281	-1 364.0	2 335.3	1980	1992-07 ABAND 1989
32	14.50	0.120	0.15	0.85	60	863	52	33 326	-1 229.0	2 240.5	1979	1992-07 GPP
32	9.90	0.060	0.20	0.91	31	829	46	15 619	-944.2	1 533.9	1985	1998-10 GPP
192	4.50	0.070	0.25	0.90	33	835	45	16 853	-940.8	1 504.5	1982	1986-03 GPP
64	7.19	0.098	0.17	0.89	35	836	44	16 136	-957.4	1 533.2	1984	1990-06 GPP
32	3.00	0.045	0.30	0.91	30	833	38	15 514	-933.2	1 538.5	1980	1993-06 ABAND 1991
64	8.80	0.045	0.42	0.91	32	857	38	15 605	-911.3	1 478.3	1982	1988-12 ABAND 1990
64	3.90	0.070	0.35	0.91	32	837	38	16 066	-949.3	1 532.4	1980	1994-11 ABAND 1991
64	1.52	0.065	0.39	0.90	33	794	40	15 429	-934.9	1 529.5	1987	1995-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
KITTY 086-12W5 (CONTINUED)								
SLAVE POINT H	40.0	<0.02		0.6		0.6	0.6	*
SLAVE POINT I	92.0	<0.02		1.4		1.4	1.4	
SLAVE POINT J	117.0	0.35		41.0		41.0	34.7	6.3
GRANITE WASH A	83.7	<0.07		5.6		5.6	5.6	
GRANITE WASH B	47.0	0.02		1.0		1.0	0.6	0.4
GRANITE WASH C	594.0	0.10		59.4		59.4	58.2	1.2
GRANITE WASH D	114.0	0.06		6.8		6.8	6.8	
GRANITE WASH E	46.5	<0.06		2.4		2.4	2.4	
GRANITE WASH G	145.0	0.35		50.8		50.8	47.6	3.2
GRANITE WASH H	131.0	0.30		39.3		39.3	26.9	12.4
GRANITE WASH I	83.9	0.11		9.2		9.2	8.9	0.3
GRANITE WASH J	144.0	0.20		28.8		28.8	15.0	13.8
GRANITE WASH K	80.9	0.08		6.5		6.5	6.1	0.4
GRANITE WASH L	54.0	0.20		10.8		10.8	4.7	6.1
GRANITE WASH M	59.6	0.15		8.9		8.9	2.7	6.2
GRANITE WASH N	99.0	0.20		19.8		19.8	3.5	16.3
GRANITE WASH O	47.9	<0.01		0.1		0.1	0.1	
FIELD TOTAL	3 157.7			602.3		602.3	482.2	120.1
KNAPPEN 001-11W4								
LOWER MANNVILLE A	429.0	0.12		51.5		51.5	49.3	2.2
LOWER MANNVILLE C	378.0	<0.07		23.3		23.3	23.3	
LOWER MANNVILLE F	229.0	<0.03		6.7		6.7	6.7	
LOWER MANNVILLE H	99.4	<0.01		0.5		0.5	0.5	
FIELD TOTAL	1 135.4			82.0		82.0	79.8	2.2
KNELLER 049-24W4								
GLAUCONITIC A	25.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	25.2			0.1		0.1	0.1	
KNOPCIK 074-10W6								
DOE CREEK B	311.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE A	153.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE B	90.4	0.15		13.6		13.6	11.7	1.9
CHARLIE LAKE C	29.4	<0.05		1.2		1.2	1.2	
CHARLIE LAKE D	116.0	<0.07		7.9		7.9	7.9	
BOUNDARY B	24.1	0.25		6.0		6.0	4.6	1.4
BOUNDARY C	52.8	0.20		10.6		10.6	1.6	9.0
BOUNDARY D	158.0	0.20		31.6		31.6	9.3	22.3
CHARLIE LAKE F & BOUNDARY A	392.0	0.20		78.4		78.4	40.7	37.7
HALFWAY A	193.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL	1 519.7			150.5		150.5	78.2	72.3
LA GLACE 074-08W6								
CHARLIE LAKE A	86.9	<0.01		0.1		0.1	0.1	
CHARLIE LAKE B	36.7	<0.05		1.5		1.5	1.5	
BOUNDARY A	222.0	0.23		51.1		51.1	46.7	4.4
HALFWAY A	2.7	<0.04		0.1		0.1	0.1	
HALFWAY B	142.0	0.20		28.4		28.4	6.8	21.6
HALFWAY D	53.2	0.10		5.3		5.3	1.9	3.4
HALFWAY F	85.6	0.15		12.8		12.8	1.0	11.8
MONTNEY A	3 964.0	0.02		79.3		79.3	5.4	73.9
FIELD TOTAL	4 593.1			178.6		178.6	63.5	115.1
LACOMBE 039-25W4								
NISKU A	113.0	<0.12		13.5		13.5	13.5	
NISKU B	75.6	0.10		7.6		7.6	6.7	0.9
NISKU C	265.0	0.25		66.3		66.3	63.5	2.8
NISKU D	325.0	0.10		32.5		32.5	24.7	7.8
NISKU E	49.8	0.25		12.5		12.5	11.5	1.0
NISKU F	165.0	<0.01		0.1		0.1	0.1	
NISKU G	101.0	0.10		10.1		10.1	4.4	5.7
NISKU H	51.7	<0.06		2.7		2.7	2.7	
FIELD TOTAL	1 146.1			145.3		145.3	127.1	18.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	3.20	0.035	0.38	0.90	38	834	27	15 117	-901.1	1 484.3	1986	1985-05 ABAND 1990
32	8.00	0.060	0.35	0.92	30	829	38	15 156	-927.4	1 488.6	1990	1993-03 ABAND 1992
64	5.20	0.050	0.20	0.88	44	828	39	15 703	-953.0	1 515.0	1986	1997-12 GPP
64	1.40	0.160	0.27	0.80	76	832	54	15 719	-965.5	1 562.7	1983	1984-06 ABAND 1989
32	1.60	0.150	0.32	0.90	31	837	43	16 086	-983.0	1 563.5	1986	1997-05 GPP
200	1.95	0.232	0.27	0.90	34	832	43	15 261	-972.0	1 533.9	1989	1992-04 GPP
64	1.43	0.200	0.31	0.90	34	845	43	15 159	-976.8	1 532.1	1989	1997-11 ABAND 1997
27	1.52	0.210	0.40	0.90	34	845	43	14 450	-969.0	1 528.7	1990	1996-12 GPP
63	1.50	0.230	0.26	0.90	34	845	43	14 448	-987.5	1 579.5	1993	1998-02 GPP
32	2.70	0.230	0.26	0.89	49	823	38	14 177	-987.6	1 572.3	1993	1998-02 GPP
16	2.60	0.280	0.20	0.90	34	844	43	12 480	-987.0	1 557.4	1995	1998-11 GPP
32	3.10	0.230	0.29	0.89	49	823	38	12 246	-989.3	1 558.7	1995	1995-12 GPP
16	4.00	0.200	0.29	0.89	49	823	38	12 145	-981.7	1 551.9	1995	1998-11 GPP
32	2.10	0.170	0.45	0.86	56	835	42	14 640	-969.0	1 518.0	1996	1996-07 GPP
16	3.80	0.190	0.40	0.86	56	835	42	13 856	-971.9	1 523.3	1996	1997-02 GPP
32	3.70	0.180	0.46	0.86	56	835	42	13 720	-973.1	1 526.8	1995	1996-07 GPP
16	2.40	0.210	0.34	0.90	34	844	43	10 570	-971.6	1 538.3	1996	1997-12 ABAND 1997
128	2.28	0.210	0.27	0.96	10	835	32	6 719	204.1	894.3	1956	1990-12 GPP
130	1.52	0.250	0.20	0.96	18	844	34	5 846	313.8	814.3	1965	1992-07 ABAND 1991
64	3.70	0.200	0.45	0.88	51	830	29	6 922	228.2	810.9	1975	1994-11 ABAND 1996
64	3.10	0.130	0.59	0.94	21	835	30	3 870	271.9	804.7	1988	1992-06 ABAND 1991
16	1.20	0.200	0.31	0.95	61	871	54	8 800	-527.4	1 279.9	1994	1996-06 GPP
64	3.93	0.200	0.35	0.95	19	839	28	6 365	-152.7	910.7	1987	1992-10
64	2.87	0.170	0.30	0.70	120	821	76	25 674	-1 364.6	2 116.8	1981	1992-10
51	1.50	0.180	0.10	0.73	120	827	76	26 867	-1 549.8	2 292.3	1987	1990-06 GPP
16	1.70	0.165	0.15	0.77	100	829	73	17 022	-1 557.8	2 316.2	1987	1996-06 GPP
64	1.36	0.190	0.10	0.78	79	806	76	20 873	-1 564.2	2 308.7	1988	1996-03 ABAND 1995
64	1.00	0.060	0.14	0.73	123	814	71	18 946	-1 380.7	2 138.5	1994	1997-12
64	2.80	0.080	0.45	0.67	164	811	73	17 967	-1 382.0	2 143.1	1996	1997-08
128	2.10	0.110	0.20	0.67	164	811	73	17 967	-1 372.5	2 150.9	1996	1997-12
210	1.83	0.152	0.14	0.78	74	828	64	26 809	-1 420.2	2 187.4	1992	1994-10 GPP
64	7.99	0.084	0.35	0.69	149	807	64	21 776	-1 436.3	2 204.5	1982	1992-10 ABAND 1996
64	2.10	0.100	0.16	0.77	100	829	73	21 364	-1 152.1	1 899.3	1987	1992-10
64	1.60	0.080	0.30	0.64	207	828	65	19 382	-1 163.0	1 947.0	1979	1990-12 GPP
128	1.81	0.150	0.15	0.75	126	825	74	21 495	-1 171.7	1 926.7	1959	1997-12 GPP
16	0.50	0.055	0.13	0.71	129	798	73	20 916	-1 188.0	1 954.8	1988	1996-06
64	3.40	0.160	0.32	0.60	187	808	71	21 591	-1 187.7	1 958.3	1994	1995-07
16	4.00	0.120	0.10	0.77	105	832	69	18 612	-1 062.6	1 822.5	1994	1995-12 GPP
64	2.40	0.080	0.14	0.81	91	849	50	18 602	-1 061.3	1 842.2	1995	1996-01
710	14.50	0.090	0.38	0.69	136	831	74	20 607	-1 400.0	2 146.3	1993	1996-01
64	6.18	0.060	0.32	0.70	106	819	70	16 766	-1 071.4	1 993.7	1958	1978-12 ABAND 1989
64	4.20	0.055	0.30	0.73	105	810	73	16 708	-1 062.3	1 982.0	1982	1985-03 GPP
192	3.05	0.076	0.15	0.70	143	822	67	17 131	-1 063.1	1 977.2	1977	1996-12 GPP
128	4.70	0.100	0.26	0.73	110	825	74	18 298	-1 096.0	2 056.3	1986	1992-12 GPP
64	2.30	0.060	0.17	0.68	143	823	67	18 271	-1 096.4	2 057.3	1988	1993-12 GPP
64	5.00	0.090	0.18	0.70	130	810	77	18 292	-1 099.7	2 052.4	1988	1989-03 ABAND 1991
32	5.20	0.100	0.19	0.75	117	809	78	16 817	-1 096.4	2 074.9	1989	1991-12 GPP
65	2.44	0.059	0.20	0.69	106	805	70	18 190	-1 084.2	2 025.1	1962	1975-12 ABAND 1970

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
LAIT 002-10W4								
LOWER MANNVILLE G	35.8	<0.05		1.7		1.7	1.7	*
FIELD TOTAL	35.8			1.7		1.7	1.7	
LANAWAY 036-03W5								
CARDIUM	2 922.0	0.10		292.0		292.0	232.0	60.0
CARDIUM B	292.0	<0.01		0.6		0.6	0.6	
CARDIUM E	24.0	<0.07		1.6		1.6	1.6	
CARDIUM C & MANNVILLE D	877.0	0.07		61.4		61.4	54.8	6.6
SECOND WHITE SPECKS A	335.0	<0.04		12.4		12.4	12.4	
VIKING B	98.8	0.10		9.9		9.9	8.4	1.5
MANNVILLE	3 501.0	0.15		525.0		525.0	308.9	216.1
MANNVILLE B	320.0	<0.03		7.0		7.0	7.0	
MANNVILLE C	23.0	<0.02		0.3		0.3	0.3	
MANNVILLE E	391.0	<0.01		1.4		1.4	1.4	
MANNVILLE F	223.0	<0.01		0.3		0.3	0.3	
MANNVILLE G	108.0	0.10		10.8		10.8	8.6	2.2
GLAUCONITIC A & BASAL QUARTZ A	229.0	<0.01		1.0		1.0	1.0	
JURASSIC-RUNDLE A	940.0	<0.08		68.1		68.1	64.1	4.0
ELKTON A	1 200.0	0.03		36.0		36.0	35.0	1.0
ELKTON B	355.0	0.10		35.5		35.5	0.5	35.0
ELKTON C	76.8	0.15		11.5		11.5	2.3	9.2
PEKISKO A	101.0	<0.03		2.7		2.7	2.7	
PEKISKO D	141.0	0.15		21.2		21.2	0.7	20.5
D-2 A	243.0	<0.09		21.4		21.4	21.4	
D-3 A	245.0	<0.01		2.4		2.4	2.4	
FIELD TOTAL	12 645.6			1 122.5		1 122.5	766.4	356.1
LARNE 116-03W6								
MUSKEG B	144.0	<0.07		9.1		9.1	9.1	
KEG RIVER A	350.0	<0.06		19.1		19.1	19.1	
KEG RIVER B	340.0	<0.08		24.0		24.0	24.0	
KEG RIVER C	424.0	0.20		84.8		84.8	76.0	8.8
KEG RIVER D	736.0	0.20		147.0		147.0	71.4	75.6
KEG RIVER E	335.0	0.25		83.8		83.8	71.6	12.2
KEG RIVER F	125.0	<0.09		10.7		10.7	10.7	
KEG RIVER G	286.0	<0.16		44.0		44.0	44.0	
KEG RIVER H	413.0	<0.03		11.8		11.8	11.8	
KEG RIVER I	478.0	<0.05		19.6		19.6	19.6	
KEG RIVER J	510.0	<0.02		7.7		7.7	7.7	
KEG RIVER K	397.0	0.15		59.6		59.6	54.9	4.7
KEG RIVER L	292.0	<0.04		9.4		9.4	9.4	
KEG RIVER M	280.0	<0.03		8.0		8.0	8.0	
KEG RIVER N	238.0	<0.07		14.5		14.5	14.5	
KEG RIVER O	138.0	<0.20		26.9		26.9	26.9	
KEG RIVER P	342.0	<0.05		13.9		13.9	13.9	
KEG RIVER Q	157.0	<0.07		10.6		10.6	10.6	
KEG RIVER R	159.0	<0.20		30.4		30.4	30.4	
KEG RIVER S	343.0	<0.05		14.8		14.8	14.8	
KEG RIVER T	276.0	<0.02		2.9		2.9	2.9	
KEG RIVER U	168.0	<0.04		5.2		5.2	5.2	
KEG RIVER V	428.0	0.05		21.4		21.4	13.2	8.2
KEG RIVER W	272.0	<0.02		3.4		3.4	3.4	
KEG RIVER X	79.3	<0.06		4.5		4.5	4.5	
KEG RIVER Y	92.9	<0.03		2.3		2.3	2.3	
KEG RIVER Z	160.0	<0.03		3.9		3.9	3.9	
KEG RIVER AA	100.0	<0.02		1.7		1.7	1.7	
KEG RIVER BB	80.3	<0.04		2.9		2.9	2.9	
KEG RIVER CC	120.0	<0.10		11.2		11.2	11.2	
KEG RIVER DD	235.0	<0.04		7.8		7.8	7.8	
KEG RIVER EE	95.0	<0.12		11.2		11.2	11.2	
KEG RIVER FF	70.0	0.10		7.0		7.0	4.1	2.9
KEG RIVER GG	33.9	<0.14		4.7		4.7	4.7	
KEG RIVER HH	150.0	0.17		25.5		25.5	22.6	2.9
KEG RIVER II	51.5	<0.03		1.2		1.2	1.2	
KEG RIVER JJ	74.4	0.06		4.5		4.5	4.5	
KEG RIVER KK	27.5	<0.14		3.6		3.6	3.6	
KEG RIVER LL	260.0	0.10		26.0		26.0	19.2	6.8

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.50	0.130	0.67	0.87	57	838	32	7 958	126.1	808.3	1990	1995-10 ABAND 1995
1 869	2.35	0.110	0.28	0.84	53	825	54	20 527	-832.5	1 812.7	1960	1982-07
129	3.66	0.090	0.22	0.88	53	839	54	21 506	-790.0	1 773.6	1972	1973-12 ABAND 1973
32	1.80	0.080	0.35	0.80	89	822	59	20 705	-857.7	1 820.8	1982	1996-06 GPP
256	5.27	0.110	0.27	0.81	53	825	54	20 522	-976.8	1 949.3	1960	1997-12 GPP
65	8.53	0.120	0.30	0.72	89	865	59	21 952	-895.5	1 859.9	1977	1996-06 ABAND 1996
64	2.80	0.105	0.30	0.75	100	833	63	9 167	-1 005.2	1 948.3	1987	1988-03 GPP
846	6.60	0.110	0.25	0.76	71	876	60	16 659	-1 300.3	2 265.5	1959	1995-06
64	6.80	0.124	0.22	0.76	76	853	76	18 837	-1 341.0	2 316.2	1981	1998-12
64	1.00	0.090	0.50	0.80	88	853	64	18 791	-1 328.6	2 303.8	1981	1982-06 ABAND 1986
64	15.90	0.100	0.52	0.80	100	892	66	18 508	-1 369.6	2 356.3	1982	1996-12 ABAND 1988
64	6.00	0.150	0.43	0.68	152	843	82	16 248	-1 285.0	2 237.8	1980	1984-07
64	2.10	0.125	0.20	0.80	93	880	45	18 603	-1 310.3	2 291.2	1986	1987-04 GPP
128	4.07	0.090	0.39	0.80	82	874	60	16 407	-1 226.2	2 180.3	1979	1987-12 ABAND 1995
64	15.70	0.150	0.19	0.77	99	876	64	17 149	-1 364.8	2 351.0	1988	1994-12 GPP
261	7.00	0.120	0.27	0.75	103	904	74	18 194	-1 403.0	2 390.0	1973	1988-01 GPP
32	12.00	0.150	0.21	0.78	92	862	65		-1 400.7	2 380.8	1996	1997-06
16	5.00	0.150	0.20	0.80	86	876	71		-1 350.7	2 337.5	1997	1998-09 GPP
64	5.26	0.060	0.35	0.77	99	876	64	17 326	-1 319.7	2 267.3	1977	1992-10
32	7.00	0.120	0.30	0.75	112	851	78			2 410.5	1997	1998-12 GPP
64	10.70	0.055	0.14	0.75	95	810	75	23 873	-1 891.4	2 866.2	1985	1994-09 ABAND 1993
65	7.92	0.100	0.15	0.56	261	788	82	24 315	-1 944.0	2 927.9	1964	1973-02
35	17.68	0.040	0.35	0.90	35	898	64	13 727	-1 058.9	1 407.3	1972	1980-11 ABAND 1988
12	51.90	0.078	0.20	0.90	22	887	69	13 853	-1 051.5	1 429.8	1968	1990-12 ABAND 1991
17	37.45	0.075	0.20	0.89	37	898	61	13 556	-1 050.0	1 415.8	1968	1996-06 GPP
10	58.21	0.092	0.10	0.88	46	898	61	13 815	-1 052.0	1 426.9	1968	1992-12 GPP
16	75.20	0.089	0.21	0.87	38	876	70	13 740	-1 066.8	1 467.3	1968	1998-12 GPP
17	39.93	0.070	0.20	0.88	31	876	72	13 561	-1 033.8	1 425.2	1968	1993-12 GPP
21	29.75	0.032	0.30	0.89	37	892	61	12 367	-960.9	1 323.6	1969	1988-12 ABAND 1997
13	47.61	0.061	0.15	0.89	35	898	63	13 530	-1 051.9	1 410.3	1969	1993-10 ABAND 1993
14	56.93	0.071	0.18	0.89	27	887	62	13 210	-1 055.1	1 417.5	1971	1988-12 ABAND 1990
13	47.37	0.098	0.10	0.88	39	881	62	13 214	-1 056.2	1 408.9	1971	1988-12 ABAND 1993
15	41.04	0.107	0.13	0.89	35	887	61	12 587	-1 054.7	1 421.1	1971	1983-12
13	49.85	0.083	0.18	0.90	35	887	61	13 379	-1 054.0	1 408.2	1971	1985-12 GPP
11	58.61	0.066	0.22	0.88	43	887	50	12 955	-1 093.5	1 444.3	1971	1986-12 ABAND 1990
12	38.60	0.084	0.18	0.88	35	892	64	13 205	-1 062.2	1 411.5	1972	1984-12
27	22.77	0.055	0.20	0.88	33	892	54	14 366	-1 047.3	1 396.9	1971	1981-12 ABAND 1989
7	40.14	0.064	0.15	0.90	31	904	64	14 991	-1 058.0	1 406.7	1971	1986-12 GPP
16	38.10	0.078	0.20	0.90	35	910	70	13 456	-1 060.6	1 410.5	1972	1980-11 ABAND 1988
14	17.98	0.078	0.11	0.90	27	904	63	13 656	-1 062.7	1 411.7	1971	1981-12 ABAND 1982
25	18.17	0.049	0.20	0.89	45	881	62	13 427	-1 064.4	1 413.4	1969	1993-03 ABAND 1992
16	57.33	0.070	0.40	0.89	22	869	80	13 712	-1 057.7	1 445.5	1982	1996-06 GPP
16	43.50	0.060	0.25	0.88	38	920	61	13 700	-1 062.0	1 416.6	1983	1988-12 ABAND 1986
19	23.10	0.050	0.13	0.88	38	909	61	12 979	-1 060.7	1 408.5	1983	1988-12 ABAND 1991
11	51.70	0.114	0.25	0.88	38	894	61	12 700	-1 052.2	1 408.3	1983	1992-12 GPP
14	25.10	0.100	0.12	0.88	47	919	62	13 347	-1 056.9	1 408.9	1984	1992-10
12	19.50	0.050	0.23	0.88	43	884	48	13 133	-1 037.4	1 415.4	1972	1985-12 GPP
16	11.00	0.075	0.20	0.88	32	889	72	13 442	-1 037.5	1 426.5	1985	1989-12
14	28.01	0.060	0.20	0.85	54	880	59	13 413	-1 092.6	1 445.8	1985	1996-06 GPP
16	18.14	0.045	0.13	0.88	35	900	54	12 746	-1 036.5	1 401.0	1985	1992-09 ABAND 1992
16	19.00	0.040	0.25	0.88	35	917	57	12 892	-1 034.4	1 407.5	1985	1992-09 ABAND 1992
13	17.63	0.070	0.15	0.88	37	894	62	13 571	-1 081.5	1 431.3	1985	1996-06 GPP
14	29.77	0.072	0.11	0.88	35	898	79	12 512	-1 038.7	1 395.0	1985	1996-06 GPP
16	19.84	0.040	0.15	0.88	32	878	65	13 625	-1 026.4	1 418.0	1985	1995-11 ABAND 1995
13	16.00	0.045	0.15	0.88	35	804	63	13 252	-1 023.0	1 407.0	1985	1991-12 GPP
16	14.88	0.021	0.23	0.88	35	907	63	12 900	-1 027.4	1 407.5	1986	1998-06 ABAND 1993
30	20.21	0.037	0.24	0.88	35	892	63	12 976	-1 033.1	1 400.8	1986	1998-11 GPP
16	30.00	0.020	0.39	0.88	35	891	63	13 694	-1 049.8	1 409.0	1986	1989-12
16	16.51	0.040	0.20	0.88	35	899	63	13 142	-1 028.4	1 400.3	1986	1992-09 ABAND 1992
16	12.00	0.025	0.35	0.88	35	881	77	13 313	-1 030.6	1 416.0	1986	1996-06 GPP
10	53.20	0.064	0.13	0.88	47	893	62	14 844	-1 087.4	1 475.6	1987	1990-12 GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
LARNE 116-03W6 (CONTINUED)								
KEG RIVER MM	212.0	0.05		10.6		10.6	7.5	3.1
KEG RIVER NN	209.0	0.05		10.5		10.5	9.2	1.3
KEG RIVER OO	328.0	0.04		13.1		13.1	10.1	3.0
KEG RIVER PP	125.0	0.20		25.0		25.0	13.5	11.5
KEG RIVER QO	214.0	0.25		53.5		53.5	14.1	39.4
KEG RIVER RR	162.0	0.15		24.3		24.3	14.6	9.7
KEG RIVER SS	89.4	<0.11		9.5		9.5	9.5	
KEG RIVER TT	71.0	0.30		21.3		21.3	6.9	14.4
KEG RIVER UU	25.1	<0.10		2.5		2.5	2.5	
KEG RIVER VV	46.6	0.30		14.0		14.0	4.5	9.5
FIELD TOTAL	10 742.9			984.9		984.9	770.9	214.0
LATHOM 020-18W4								
UPPER MANNVILLE V	42.9	0.10		4.3		4.3	1.1	3.2
FIELD TOTAL *	42.9			4.3		4.3	1.1	3.2
LATOR 063-02W6								
DUNVEGAN A	1 540.0	0.11		170.0		170.0	162.4	7.6
DUNVEGAN B	46.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	1 586.0			170.4		170.4	162.8	7.6
LATORNELL 063-01W6								
DUNVEGAN A	109.0	0.03		3.3		3.3	2.8	0.5
FIELD TOTAL	109.0			3.3		3.3	2.8	0.5
LEAHURST 039-18W4								
VIKING E	73.3	0.01		0.7		0.7	0.3	0.4
MANNVILLE C	70.5	<0.02		1.0		1.0	1.0	
MANNVILLE M	76.3	<0.06		3.9		3.9	3.9	
MANNVILLE V	141.0	0.25		35.3		35.3	22.3	13.0
MANNVILLE OO	26.3	0.10		2.6		2.6	0.8	1.8
GLAUCONITIC B TOTAL	2 625.0			656.0	368.0	1 024.0	592.3	431.7
PRIMARY AREA	173.0	0.25		43.3		43.3		
WATER FLOOD AREA	2 452.0	0.25	0.15	613.0	368.0	981.0		
GLAUCONITIC C	680.0	0.05		34.0		34.0	16.9	17.1
GLAUCONITIC D	737.0	0.15	0.05	110.0	36.9	147.0	77.9	69.1
WATER FLOOD								
GLAUCONITIC E	48.9	0.10		4.9		4.9	4.7	0.2
GLAUCONITIC I	27.8	0.10		2.8		2.8	0.6	2.2
BASAL QUARTZ A	27.5	<0.06		1.6		1.6	1.6	
BASAL QUARTZ B	45.9	<0.01		0.2		0.2	0.2	
BASAL QUARTZ C	137.0	<0.01		1.2		1.2	1.2	
BASAL QUARTZ E	46.9	0.10		4.7		4.7	2.1	2.6
FIELD TOTAL	4 763.4			858.9	404.9	1 263.9	725.8	538.1
LEAMAN 055-12W5								
LOWER MANNVILLE G	359.0	0.10		35.9		35.9	30.6	5.3
LOWER MANNVILLE M	152.0	<0.03		4.2		4.2	4.2	
NORDEGG C	1 601.0	0.10		160.0		160.0	115.0	45.0
NORDEGG E	287.0	0.03		8.6		8.6	6.3	2.3
FIELD TOTAL *	2 399.0			208.7		208.7	156.1	52.6
LEDUC-WOODBEND 050-26W4								
BLAIRMORE A	1 449.0	<0.20		281.0		281.0	279.8	1.2
BLAIRMORE B	27.1	0.12		3.3		3.3	2.7	0.6
BLAIRMORE C	62.4	<0.01		0.1		0.1	0.1	
BLAIRMORE D	404.0	<0.03		9.8		9.8	9.8	
BLAIRMORE E	608.0	0.06		36.5		36.5	30.0	6.5
BLAIRMORE G	130.0	<0.01		0.7		0.7	0.7	
BLAIRMORE H	37.4	<0.02		0.4		0.4	0.4	
BLAIRMORE J	1 502.0	0.45		676.0		676.0	650.8	25.2
BLAIRMORE K	307.0	<0.14		41.9		41.9	41.9	
BLAIRMORE O	233.0	0.10		23.3		23.3	9.2	14.1
BLAIRMORE CC	127.0	<0.01		1.0		1.0	1.0	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	17.30	0.029	0.25	0.88	47	860	62	13 604	-1 084.8	1 432.6	1987	1992* 12
32	17.00	0.056	0.22	0.88	47	892	62	13 490	-1 076.4	1 426.1	1987	1998-11 GPP
16	36.00	0.080	0.19	0.88	47	893	62	13 234	-1 052.9	1 409.5	1991	1998-11 GPP
16	29.00	0.040	0.20	0.84	52	855	68	13 800	-1 038.3	1 426.5	1994	1994-06 GPP
16	32.00	0.060	0.20	0.87	32	875	72	13 568	-1 042.3	1 431.0	1994	1994-07 GPP
16	16.00	0.090	0.20	0.88	33	881	69	13 620	-1 026.9	1 417.4	1994	1998-11 GPP
8	16.50	0.100	0.23	0.88	33	881	69	13 553	-1 032.3	1 421.3	1994	1998-11 GPP
16	24.00	0.030	0.30	0.88	38	893	61	13 516	-1 083.0	1 431.0	1996	1996-07 GPP
8	17.00	0.030	0.30	0.88	38	893	61	13 463	-1 073.1	1 422.0	1996	1998-11 GPP
16	13.80	0.030	0.20	0.88	38	893	61	10 621	-1 019.0	1 411.1	1996	1996-08 GPP
16	3.50	0.160	0.45	0.87	58	864	39	9 863	-389.4	1 240.8	1996	1997-11 GPP
612	2.83	0.174	0.30	0.73	119	829	67	22 246	-1 104.1	2 161.5	1956	1996-12 GPP
16	6.73	0.091	0.30	0.67	200	830	82	24 511	-1 202.1	2 401.7	1979	1996-06
16	10.54	0.125	0.30	0.74	119	830	67	23 028	-977.4	1 934.0	1985	1998-11 GPP
16	7.40	0.125	0.45	0.90	35	876	43	6 632	-311.7	1 100.9	1982	1995-12 GPP
64	0.92	0.210	0.40	0.95	18	892	44	10 532	-461.3	1 262.6	1973	1984-12 ABAND 1996
32	2.70	0.150	0.38	0.95	16	877	39	10 674	-483.9	1 283.8	1982	1996-06 GPP
170	1.00	0.150	0.40	0.92	88	843	52	10 790	-425.1	1 198.0	1989	1998-12 GPP
32	1.00	0.180	0.47	0.86	62	849	52	10 469	-480.0	1 309.5	1994	1997-05
264					78	880	41	9 717	-428.5	1 279.7	1992	1998-12
16	6.30	0.240	0.18	0.87								
248	6.10	0.230	0.19	0.87								GPP
128	3.48	0.230	0.19	0.82	80	845	48	9 822	-433.7	1 288.4	1992	1994-11
134	4.53	0.200	0.26	0.82	78	855	50	9 694	-429.3	1 269.0	1992	1996-11 GPP
16	2.50	0.210	0.29	0.82	67	847	49	9 813	-440.8	1 291.7	1993	1994-06 GPP
16	1.50	0.180	0.26	0.87	50	879	50			1 271.0	1994	1998-04 GPP
16	2.50	0.150	0.46	0.85	57	897	55	10 923	-475.2	1 299.7	1978	1996-06
64	1.10	0.150	0.45	0.79	88	860	55	10 663	-490.8	1 303.9	1979	1984-12 ABAND 1995
64	2.40	0.150	0.30	0.85	66	873	46	9 432	-466.3	1 235.2	1980	1980-12 ABAND 1984
16	3.50	0.145	0.32	0.85	58	868	43	8 789	-433.0	1 259.6	1986	1994-12
192	2.94	0.122	0.34	0.79	87	886	71	16 298	-957.3	1 886.5	1981	1985-09 GPP
32	9.60	0.180	0.68	0.86	52	927	61	12 261	-834.7	1 645.3	1985	1991-10 ABAND 1989
460	5.32	0.160	0.53	0.87	52	923	57	12 548	-835.7	1 623.4	1985	1997-12 GPP
128	3.78	0.130	0.47	0.86	65	878	50	12 621	-853.6	1 613.4	1981	1993-12
338	3.90	0.183	0.23	0.78	94	834	57	9 864	-605.1	1 308.8	1951	1998-12 GPP
16	1.86	0.150	0.25	0.81	93	834	57	10 590	-595.4	1 298.0	1951	1998-11 GPP
16	4.57	0.150	0.28	0.79	93	825	58	10 448	-615.4	1 352.7	1952	1962-05 ABAND 1956
69	8.23	0.150	0.45	0.86	53	887	57	10 402	-646.3	1 381.8	1952	1974-04 ABAND 1974
65	10.97	0.150	0.28	0.79	98	825	60	10 347	-646.6	1 347.9	1952	1997-12 GPP
16	9.45	0.150	0.28	0.79	93	825	59	10 460	-649.6	1 354.0	1953	1968-03 ABAND 1954
16	2.74	0.150	0.28	0.79	93	825	56	9 692	-580.8	1 278.5	1950	1968-03 ABAND 1951
406	3.29	0.200	0.24	0.74	93	825	54	9 705	-585.6	1 287.6	1948	1991-07 GPP
119	3.05	0.143	0.28	0.82	98	825	62	10 496	-654.6	1 356.6	1951	1982-12 GPP
48	4.68	0.180	0.27	0.79	83	826	54	9 754	-592.9	1 300.3	1948	1998-07 GPP
32	4.60	0.150	0.28	0.80	98	825	60	9 997	-613.0	1 317.0	1953	1994-11 ABAND 1987

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
LEDUC-WOODBEND									
050-26W4 (CONTINUED)									
BLAIRMORE FF	218.0	<0.01		0.9		0.9	0.9	*	
BLAIRMORE KK	248.0	<0.01		1.5		1.5	1.5		
BLAIRMORE NN	248.0	0.04		9.9		9.9	3.7	6.2	
BLAIRMORE QQ	191.0	0.10		19.1		19.1	3.4	15.7	
BLAIRMORE RR	111.0	0.07		7.8		7.8	2.8	5.0	
BLAIRMORE SS	66.1	0.10		6.6		6.6	5.5	1.1	
BLAIRMORE VV	89.6	0.10		9.0		9.0	5.3	3.7	
BLAIRMORE W & X	239.0	0.20		47.8		47.8	24.8	23.0	
BLAIRMORE BBB	106.0	0.05		5.3		5.3	0.4	4.9	
BLAIRMORE FFF	79.7	0.15		11.9		11.9	0.5	11.4	
BLAIRMORE GGG	3 230.0	0.05		162.0		162.0	7.7	154.3	
UPPER MANNVILLE A	285.0	0.10		28.5		28.5	2.7	25.8	
GLAUCONITIC A	76.3	<0.03		1.6		1.6	1.6		
GLAUCONITIC B	57.9	<0.01		0.5		0.5	0.5		
GLAUCONITIC D	1 852.0	0.20		370.0		370.0	87.4	282.6	
GLAUCONITIC E	45.3	0.15		6.8		6.8	1.4	5.4	
GLAUCONITIC F	182.0	0.20		36.4		36.4	6.4	30.0	
D-1 A	199.0	0.15		29.9		29.9	11.7	18.2	
D-1 B	54.7	<0.18		9.8		9.8	9.8		
D-1 F	128.0	0.10		12.8		12.8	0.6	12.2	
D-2 A TOTAL	32 830.0			11 160.0	3 270.0	14 430.0	14 276.9	153.1	
PRIMARY AREA	126.0	0.30		37.8		37.8			
WATER FLOOD AREA	32 700.0	0.34	0.10	11 120.0	3 270.0	14 390.0			
D-2 B	12 500.0	0.27		3 375.0		3 375.0	3 305.6	69.4	
D-2 C	413.0	<0.53		217.0		217.0	217.0		
D-2 D	99.5	0.65		64.7		64.7	62.1	2.6	
D-2 E	192.0	0.64		123.0		123.0	122.6	0.4	
D-2 F	318.0	0.20		63.6		63.6	58.8	4.8	
D-2 H	55.2	<0.01		0.4		0.4	0.4		
D-2 I	51.0	0.20		10.2		10.2	1.9	8.3	
D-3 A WATER FLOOD	61 200.0	<0.56	0.10	33 700.0	6 120.0	39 820.0	39 741.5	78.5	
D-3 B	2 380.0	0.52		1 238.0		1 238.0	1 233.7	4.3	
D-3 C	144.0	<0.52		73.7		73.7	73.7		
D-3 D	113.0	<0.40		44.3		44.3	44.3		
D-3 E	403.0	0.10		40.3		40.3	35.0	5.3	
D-3 F	1 035.0	0.56		580.0		580.0	577.6	2.4	
D-3 G	153.0	0.17		26.0		26.0	23.1	2.9	
D-3 H	105.0	<0.04		3.8		3.8	3.8		
D-3 I	118.0	<0.07		7.5		7.5	7.5		
D-3 J	180.0	0.20		36.0		36.0	27.1	8.9	
D-3 K	84.3	<0.01		0.3		0.3	0.3		
D-3 L	72.5	<0.01		0.6		0.6	0.6		
D-3 M	213.0	0.01		2.1		2.1	0.2	1.9	
D-3 N	76.1	<0.06		4.2		4.2	4.2		
D-3 O	69.8	0.12		8.4		8.4	6.8	1.6	
FIELD TOTAL	125 398.9			52 631.2	9 390.0	62 021.2	61 029.7	991.5	
LEGAL 057-25W4									
MIDDLE VIKING A	434.0	0.52		226.0		226.0	221.7	4.3	
MANNVILLE B	37.1	<0.03		1.0		1.0	1.0		
D-3 A	32.4	<0.01		0.1		0.1	0.1		
FIELD TOTAL	503.5			227.1		227.1	222.8	4.3	
LELAND 059-25W5									
CARDIUM A	102.0	<0.01		0.5		0.5	0.5		
SECOND WHITE SPECKS B	113.0	<0.01		0.7		0.7	0.7		
FIELD TOTAL	215.0			1.2		1.2	1.2		
LED 036-17W4									
UPPER MANNVILLE A	772.0	0.08		61.8		61.8	46.9	14.9	
UPPER MANNVILLE C	333.0	<0.02		5.0		5.0	5.0		
UPPER MANNVILLE D	163.0	0.20		32.6		32.6	26.9	5.7	
UPPER MANNVILLE E	240.0	0.02		4.8		4.8	4.2	0.6	
UPPER MANNVILLE F	221.0	<0.02		4.2		4.2	4.2		
UPPER MANNVILLE H	103.0	<0.04		3.4		3.4	3.4		
UPPER MANNVILLE J	127.0	0.05		6.4		6.4	4.7	1.7	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	5.50	0.190	0.25	0.87	50	880	58	9 851	-618.9	1 348.9	1971	1997*07 ABAND 1997
64	4.00	0.220	0.45	0.80	83	827	54	9 516	-604.0	1 304.3	1983	1983-11
32	7.00	0.200	0.30	0.79	83	837	42	9 635	-620.7	1 356.2	1949	1996-08 GPP
64	3.00	0.180	0.30	0.79	83	827	45	9 634	-574.8	1 284.7	1948	1988-10 GPP
32	5.70	0.160	0.52	0.79	83	826	54	9 366	-616.5	1 354.5	1985	1996-08 GPP
16	4.00	0.180	0.30	0.82	70	869	47	9 505	-602.4	1 306.5	1951	1994-08 GPP
16	5.49	0.180	0.30	0.81	93	875	60	8 689	-650.5	1 356.7	1996	1996-09 GPP
32	6.22	0.190	0.20	0.79	83	826	54	10 997	-582.8	1 289.3	1951	1995-12 GPP
32	4.70	0.150	0.46	0.87	52	872	55	10 431	-622.6	1 341.9	1996	1997-05
64	1.00	0.190	0.28	0.91	37	891	40			1 317.5	1997	1998-04 GPP
490	7.32	0.140	0.33	0.96	37	891	40		-468.5	1 188.0	1949	1988-10
32	9.95	0.160	0.30	0.80	83	851	54			1 740.0	1948	1998-12 GPP
16	4.60	0.180	0.36	0.90	33	840	45	9 208	-562.9	1 306.5	1984	1996-06
16	3.20	0.190	0.30	0.85	62	861	62	10 120	-567.1	1 311.2	1991	1996-06
256	6.42	0.170	0.22	0.85	62	861	61	11 776	-627.3	1 391.5	1995	1996-07
16	4.50	0.130	0.43	0.85	62	861	61	11 833	-634.6	1 399.3	1994	1996-06 GPP
64	3.00	0.160	0.23	0.77	95	867	62	11 216	-589.2	1 307.0	1996	1997-01 GPP
50	8.00	0.080	0.24	0.82	71	820	58	9 919	-643.6	1 355.7	1963	1998-11 GPP
98	0.91	0.100	0.25	0.82	74	820	54	9 018	-492.9	1 197.0	1964	1968-03 ABAND 1997
64	5.00	0.070	0.35	0.88	44	820	60			1 391.5	1947	1998-07
9 217					115	834	63	12 713	-870.1	1 603.7	1947	1994-09 GPP
48	15.77	0.030	0.26	0.75								
9 169	18.90	0.034	0.26	0.75								
4 641	11.33	0.048	0.34	0.75	98	834	60	12 824	-865.0	1 603.9	1950	1985-05 GPP
309	5.18	0.043	0.20	0.75	110	834	62	12 842	-914.5	1 658.6	1950	1995-05 ABAND 1992
110	8.08	0.020	0.30	0.80	109	834	63	12 927	-891.9	1 619.0	1951	1998-12 GPP
128	9.02	0.028	0.30	0.85	109	834	62	12 927	-886.8	1 576.7	1950	1996-12 GPP
199	8.29	0.033	0.24	0.77	111	834	64	13 084	-915.8	1 653.1	1960	1977-12 GPP
16	22.70	0.030	0.35	0.78	87	833	65	11 455	-889.9	1 612.4	1991	1993-04 ABAND 1992
64	4.60	0.030	0.26	0.78	87	834	65		-803.9	1 501.9	1951	1998-07
8 812	10.77	0.100	0.14	0.75	98	825	66	13 265	-915.5	1 625.3	1947	1985-12 GPP
751	7.99	0.060	0.13	0.76	85	825	66	13 226	-917.3	1 650.2	1948	1988-12 GPP
53	5.18	0.080	0.13	0.76	85	825	67	13 293	-927.3	1 649.4	1950	1977-12 ABAND 1971
24	8.84	0.080	0.13	0.76	85	825	67	13 200	-913.5	1 588.6	1949	1972-05 ABAND 1966
65	10.67	0.090	0.14	0.75	85	825	48	11 718	-927.6	1 648.4	1967	1983-12 GPP
81	20.91	0.093	0.10	0.73	94	825	61	11 823	-942.1	1 659.4	1968	1998-11 GPP
65	4.27	0.090	0.19	0.76	103	839	66	11 843	-965.5	1 703.1	1950	1996-08 GPP
64	4.00	0.065	0.17	0.76	99	847	74	13 091	-933.8	1 659.2	1984	1986-03 ABAND 1995
32	5.50	0.100	0.12	0.76	98	833	66	11 449	-933.8	1 653.3	1985	1990-12 ABAND 1990
64	7.00	0.066	0.20	0.76	99	848	54	11 915	-958.3	1 690.5	1985	1991-12 GPP
64	1.70	0.120	0.15	0.76	94	812	67	11 677	-954.2	1 685.3	1985	1986-06 ABAND 1988
64	2.30	0.090	0.28	0.76	94	826	63	11 850	-964.9	1 701.0	1985	1986-06 ABAND 1988
64	6.30	0.080	0.13	0.76	94	838	63	11 267	-921.0	1 648.9	1985	1998-12
65	1.22	0.150	0.20	0.80	115	845	66	12 480	-1 049.2	1 762.4	1961	1975-12 ABAND 1970
16	6.00	0.110	0.13	0.76	94	869	39	11 601	-944.1	1 674.7	1993	1998-11 GPP
233	1.50	0.180	0.25	0.92	36	876	36	5 953	-143.0	853.4	1952	1992-12 GPP
16	1.83	0.190	0.25	0.89	30	876	43	7 000	-361.5	1 070.5	1950	1968-03 ABAND 1966
16	3.20	0.090	0.12	0.80	55	946	44	11 454	-770.8	1 458.3	1984	1985-02 ABAND 1986
64	3.00	0.100	0.23	0.69	150	822	71	21 103	-940.6	2 207.5	1980	1988-12 ABAND 1995
64	3.00	0.120	0.29	0.69	140	823	80	23 133	-1 197.4	2 464.3	1980	1985-02 ABAND 1995
149	4.36	0.200	0.34	0.90	37	855	39	8 315	-320.8	1 155.4	1983	1998-12 GPP
128	3.08	0.160	0.40	0.88	51	855	35	6 792	-336.6	1 165.5	1975	1995-10 ABAND 1995
64	1.80	0.220	0.27	0.88	53	844	40	8 076	-327.0	1 155.8	1977	1997-12 GPP
32	7.92	0.154	0.30	0.88	45	865	40	8 226	-308.9	1 141.7	1978	1998-11 GPP
32	6.70	0.156	0.25	0.88	43	855	28	7 915	-302.5	1 134.5	1971	1996-12 ABAND 1995
16	4.00	0.240	0.26	0.91	33	869	39	7 674	-314.9	1 148.0	1987	1998-11 GPP
64	1.60	0.220	0.38	0.91	33	870	39	8 187	-317.7	1 154.2	1988	1989-06 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
LEO 036-17W4 (CONTINUED) FIELD TOTAL	1 959.0			118.2		118.2	95.3	22.9
LESSARD 124-17W5								
KEG RIVER A	161.0	<0.12		18.2		18.2	18.2	
KEG RIVER B	139.0	0.04		5.6		5.6	5.6	
KEG RIVER C	167.0	0.15		25.1		25.1	11.9	13.2
FIELD TOTAL	467.0			48.9		48.9	35.7	13.2
LITTLE HORSE 077-12W5								
GILWOOD A	69.1	<0.10		6.9		6.9	3.8	3.1
GILWOOD B	120.0	0.15		18.0		18.0	13.2	4.8
GILWOOD C	322.0	0.25		80.5		80.5	41.7	38.8
GILWOOD E	220.0	<0.07		13.6		13.6	13.6	
GILWOOD F	82.6	<0.01		0.4		0.4	0.4	
GILWOOD I	192.0	<0.02		2.9		2.9	2.9	
GILWOOD J	180.0	0.05		9.0		9.0	1.7	7.3
GILWOOD K	130.0	0.13		16.9		16.9	13.9	3.0
GILWOOD L	476.0	0.35		167.0		167.0	85.8	81.2
GILWOOD M	386.0	0.25		96.5		96.5	54.9	41.6
GILWOOD N	943.0	0.30		283.0		283.0	165.8	117.2
GILWOOD O	140.0	0.25		35.0		35.0	22.2	12.8
GILWOOD P	692.0	0.44		304.0		304.0	197.2	106.8
GILWOOD Q	87.0	<0.14		11.9		11.9	11.9	
GILWOOD R	121.0	0.20		24.2		24.2	19.0	5.2
GILWOOD S	161.0	<0.09		13.0		13.0	13.0	
GILWOOD T	30.0	0.18		5.4		5.4	5.4	
GILWOOD U	228.0	0.15		34.2		34.2	7.9	26.3
GILWOOD V	158.0	0.25		39.5		39.5	14.8	24.7
GILWOOD W	99.3	0.15		14.9		14.9	10.1	4.8
GILWOOD X	234.0	0.25		58.5		58.5	29.4	29.1
GILWOOD Y	324.0	0.30		97.2		97.2	54.3	42.9
GILWOOD Z	51.0	0.30		15.3		15.3	13.8	1.5
GILWOOD AA	139.0	0.25		34.8		34.8	10.8	24.0
GILWOOD BB	201.0	0.30		60.3		60.3	33.2	27.1
GILWOOD CC	55.3	0.25		13.8		13.8	4.7	9.1
GILWOOD DD	79.8	<0.05		3.3		3.3	3.3	
GILWOOD EE	358.0	0.25		89.5		89.5	44.4	45.1
GILWOOD FF	159.0	0.20		31.8		31.8	14.9	16.9
GILWOOD GG	193.0	0.25		48.3		48.3	6.6	41.7
GILWOOD HH	68.0	0.25		17.0		17.0	3.6	13.4
GILWOOD II	68.6	0.15		10.3		10.3	0.8	9.5
GILWOOD JJ	84.7	0.20		16.9		16.9	1.5	15.4
GILWOOD KK	84.9	0.20		17.0		17.0	2.8	14.2
GILWOOD LL	62.9	0.15		9.4		9.4	0.2	9.2
GILWOOD MM	37.1	0.30		11.1		11.1	2.5	8.6
FIELD TOTAL	7 037.3			1 711.3		1 711.3	926.0	785.3
LITTLE SMOKY 067-22W5 D-3	409.0	0.50		205.0		205.0	204.8	0.2
FIELD TOTAL	409.0			205.0		205.0	204.8	0.2
LOCHEND 027-03W5								
CARDIUM D	57.0	0.10		5.7		5.7	0.5	5.2
CARDIUM F	35.8	0.05		1.8		1.8	1.4	0.4
CARDIUM G	75.0	0.08		6.0		6.0	4.0	2.0
CARDIUM H	141.0	0.10		14.1		14.1	6.8	7.3
CARDIUM I	58.6	0.20		11.7		11.7	9.5	2.2
CARDIUM J	122.0	0.10		12.2		12.2	3.7	8.5
CARDIUM K	110.0	<0.02		1.9		1.9	1.9	
CARDIUM L	78.8	0.10		7.9		7.9	6.3	1.6
CARDIUM M	96.3	0.25		24.1		24.1	15.4	8.7
CARDIUM A,C & E	11 270.0	0.07		789.0		789.0	651.6	137.4
VIKING A	115.0	<0.02		2.0		2.0	2.0	
VIKING B	27.1	0.04		1.1		1.1	0.3	0.8
BANFF A	50.2	<0.09		4.2		4.2	4.2	
FIELD TOTAL	12 236.8			881.7		881.7	707.6	174.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	7.00	0.050	0.19	0.89	32	895	56	9 760	-673.7	978.5	1974	1996-06
16	42.80	0.030	0.25	0.90	32	889	50	10 057	-708.6	1 014.5	1984	1992-12
64	10.50	0.050	0.43	0.87	42	880	60	9 987	-692.7	996.5	1985	1998-07
												ABAND 1990
32	2.73	0.126	0.27	0.86	69	828	65	20 432	-1 300.9	2 038.6	1987	1996-06
64	3.90	0.127	0.56	0.86	50	840	61	20 072	-1 270.6	1 993.6	1987	1992-05
96	3.75	0.130	0.20	0.86	42	831	63	20 048	-1 262.5	1 997.1	1986	1993-06
64	3.84	0.170	0.38	0.85	30	824	64	20 626	-1 313.0	2 040.6	1987	1994-06
64	1.80	0.130	0.38	0.89	45	849	56	19 280	-1 268.5	1 975.3	1988	1992-10
64	2.98	0.150	0.20	0.84	58	831	64	19 324	-1 268.2	2 008.8	1993	1996-01
64	3.06	0.190	0.43	0.85	58	831	64	20 041	-1 307.0	2 039.0	1993	1994-04
64	2.30	0.170	0.39	0.85	58	831	64	20 177	-1 299.1	2 030.8	1993	1998-11
128	3.79	0.160	0.27	0.84	58	831	64	20 353	-1 312.4	2 041.9	1993	1994-12
50	6.85	0.170	0.22	0.85	58	845	64	20 666	-1 318.6	2 048.3	1987	1996-08
128	5.73	0.210	0.28	0.85	58	845	64	20 434	-1 316.6	2 047.5	1992	1996-05
64	2.81	0.150	0.39	0.85	58	845	64	20 143	-1 316.8	2 051.5	1994	1994-06
166	4.30	0.190	0.40	0.85	58	845	64	20 238	-1 319.0	2 042.8	1994	1998-12
16	5.50	0.180	0.33	0.82	65	821	56	19 819	-1 311.0	2 041.8	1994	1998-11
32	3.43	0.190	0.31	0.84	58	831	64	18 274	-1 231.8	1 966.4	1994	1995-08
16	6.50	0.230	0.20	0.84	58	845	64	20 334	-1 315.3	2 042.1	1993	1998-11
16	1.50	0.240	0.38	0.84	58	831	64	19 813	-1 318.2	2 030.8	1994	1998-11
64	4.00	0.180	0.41	0.84	58	831	64	19 924	-1 296.5	2 056.0	1994	1995-03
64	2.00	0.210	0.30	0.84	58	831	64	19 880	-1 326.7	2 041.0	1994	1995-04
32	3.80	0.180	0.46	0.84	60	844	58	20 517	-1 353.0	2 069.9	1994	1998-11
64	4.70	0.160	0.42	0.84	60	844	58	20 439	-1 347.5	2 075.1	1994	1995-06
128	2.64	0.150	0.24	0.84	58	831	64	19 838	-1 316.2	2 063.6	1994	1997-12
16	3.70	0.180	0.43	0.84	60	844	58	20 131	-1 344.7	2 025.5	1995	1997-12
64	2.00	0.160	0.19	0.84	59	844	58	19 364	-1 294.8	2 028.8	1995	1996-05
64	4.34	0.140	0.40	0.86	70	825	63	20 771	-1 333.6	2 008.9	1989	1990-03
64	1.70	0.110	0.45	0.84	58	831	64	19 283	-1 322.6	2 030.2	1994	1994-12
65	2.74	0.080	0.30	0.80	65	840	60	20 286	-1 304.0	1 987.7	1962	1976-12
64	4.90	0.160	0.16	0.85	58	831	64	19 841	-1 342.1	2 036.0	1996	1996-06
64	2.80	0.180	0.42	0.85	58	840	64	19 081	-1 285.8	2 030.1	1996	1997-12
64	2.70	0.190	0.30	0.84	60	844	58	19 029	-1 277.9	2 030.7	1996	1996-07
45	2.00	0.150	0.40	0.84	60	844	58		-1 292.5	2 035.5	1997	1997-09
16	3.80	0.170	0.20	0.83	58	831	64	18 051	-1 298.5	2 027.0	1997	1998-07
32	3.50	0.150	0.40	0.84	58	831	64		-1 285.1	2 032.9	1997	1997-09
54	2.60	0.150	0.52	0.84	58	831	64	17 768	-1 288.9	2 036.2	1997	1997-09
32	3.00	0.120	0.35	0.84	60	844	58			2 032.0	1994	1998-03
16	2.30	0.200	0.40	0.84	60	844	58			2 037.9	1997	1998-10
												GPP
97	12.44	0.070	0.18	0.59	205	825	90	27 896	-1 983.3	2 668.2	1954	1994-11
												GPP
64	2.00	0.100	0.45	0.81	119	834	68	24 353	-885.0	2 103.8	1983	1984-11
64	1.32	0.062	0.10	0.76	110	834	52	20 374	-874.1	2 058.2	1985	1997-12
32	3.30	0.110	0.15	0.76	110	848	58	21 635	-1 069.9	2 349.7	1981	1998-11
64	3.10	0.110	0.10	0.72	125	824	68	18 716	-935.3	2 221.6	1980	1987-04
64	1.30	0.109	0.15	0.76	115	824	57	18 356	-980.0	2 223.5	1982	1997-12
64	3.90	0.080	0.15	0.72	135	824	56	25 275	-1 002.8	2 287.7	1983	1983-06
32	5.60	0.090	0.15	0.80	94	827	58	20 634	-909.4	2 183.3	1986	1996-12
64	1.80	0.100	0.10	0.76	109	825	54	25 480	-927.6	2 198.9	1985	1988-01
64	2.20	0.100	0.10	0.76	105	820	56	27 574	-1 110.7	2 274.7	1986	1998-12
9 984	1.65	0.100	0.10	0.76	109	825	54	25 542	-1 042.3	2 263.7	1961	1997-12
16	12.00	0.110	0.22	0.70	140	831	70	24 392	-1 274.6	2 517.1	1981	1989-12
8	6.60	0.130	0.50	0.79	84	832	80	24 250	-1 301.4	2 498.0	1977	1994-04
32	28.00	0.010		0.56	248	837	99	40 618	-1 872.9	3 099.7	1991	1996-06

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
LOMOND 018-23W4								
GLAUCONITIC A	58.0	<0.02		0.8		0.8	0.8	
ELLERSLIE A	67.1	<0.02		0.8		0.8	0.8	*
ELLERSLIE B	101.0	<0.01		0.4		0.4	0.4	
ELLERSLIE C	82.5	<0.01		0.1		0.1	0.1	
ELLERSLIE F	131.0	0.05		6.6		6.6	0.4	6.2
SAWTOOTH A	154.0	<0.03		4.3		4.3	4.3	
FIELD TOTAL	593.6			13.0		13.0	6.8	6.2
LONE PINE CREEK 030-28W4								
ELLERSLIE A	149.0	0.10		14.9		14.9	4.5	10.4
D-2 A	500.0	0.20		100.0		100.0	83.5	16.5
D-3 A	2 350.0	<0.02		29.2		29.2	29.2	
FIELD TOTAL	2 999.0			144.1		144.1	117.2	26.9
LONG COULEE 016-21W4								
GLAUCONITIC A	91.1	<0.08		6.5		6.5	6.5	
GLAUCONITIC F	877.0	0.15		132.0		132.0	105.2	26.8
GLAUCONITIC H	360.0	0.15		54.0		54.0	47.4	6.6
GLAUCONITIC J	298.0	0.20		59.6		59.6	49.5	10.1
GLAUCONITIC N	106.0	<0.02		1.1		1.1	1.1	
GLAUCONITIC O TOTAL	4 014.0			602.0	220.0	822.0	278.3	543.7
PRIMARY AREA	1 813.0	0.15		272.0		272.0		
WATER FLOOD AREA	2 201.0	0.15	0.10	330.0	220.0	550.0		
GLAUCONITIC T	440.0	0.17		74.8		74.8	50.2	24.6
GLAUCONITIC U	95.2	<0.05		4.4		4.4	4.4	
GLAUCONITIC V	101.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC X	89.0	<0.01		0.4		0.4	0.4	
GLAUCONITIC BB	166.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC CC	122.0	0.20		24.4		24.4	23.6	0.8
GLAUCONITIC II	42.7	<0.01		0.2		0.2	0.2	
GLAUCONITIC JJ	95.8	0.15		14.4		14.4	5.3	9.1
GLAUCONITIC OO	399.0	0.10		39.9		39.9	13.3	26.6
GLAUCONITIC RR	268.0	0.10		26.8		26.8	11.1	15.7
GLAUCONITIC SS	56.2	0.15		8.4		8.4	1.3	7.1
GLAUCONITIC TT	180.0	0.15		27.0		27.0	6.2	20.8
GLAUCONITIC I & SUNBURST G	326.0	0.10		32.6		32.6	21.8	10.8
SUNBURST C	265.0	<0.01		1.3		1.3	1.3	
SUNBURST F	301.0	0.10		30.1		30.1	13.1	17.0
SUNBURST H	106.0	<0.03		3.1		3.1	3.1	
SUNBURST I	1 214.0	0.17		206.0		206.0	191.5	14.5
SUNBURST K TOTAL	3 120.0			324.0	300.0	624.0	330.4	293.6
PRIMARY AREA	120.0	0.20		24.0		24.0		
WATER FLOOD AREA	3 000.0	0.10	0.10	300.0	300.0	600.0		
SUNBURST L	345.0	0.10		34.5		34.5	2.6	31.9
SUNBURST N	86.8	<0.14		11.5		11.5	11.5	
SUNBURST P TOTAL	2 999.0			300.0	113.0	413.0	179.5	233.5
PRIMARY AREA	2 432.0	0.10		243.0		243.0		
WATER FLOOD AREA	567.0	0.10	0.20	56.7	113.0	170.0		
SUNBURST W	35.6	<0.01		0.1		0.1	0.1	
SUNBURST X	105.0	0.10		10.5		10.5	1.8	8.7
ELLERSLIE A	48.4	<0.08		3.5		3.5	3.5	
SAWTOOTH D	285.0	0.10		28.5		28.5	12.0	16.5
LIVINGSTONE A	394.0	0.10		39.4		39.4	13.8	25.6
FIELD TOTAL	17 431.8			2 101.2	633.0	2 734.2	1 390.2	1 344.0
LOON 085-09W5								
SLAVE POINT D	78.8	0.10		7.9		7.9	4.2	3.7
SLAVE POINT E	127.0	0.08		10.2		10.2	5.8	4.4
SLAVE POINT G TOTAL	6 600.0			370.0	107.0	477.0	303.3	173.7
PRIMARY AREA	1 259.0	0.04		50.4		50.4		
WATER FLOOD AREA	5 341.0	0.06	0.02	320.0	107.0	427.0		
SLAVE POINT I	177.0	<0.01		0.4		0.4	0.4	
SLAVE POINT J	82.1	0.25		20.5		20.5	13.0	7.5
SLAVE POINT K	218.0	0.02		4.4		4.4	4.1	0.3
SLAVE POINT C & GRANITE WASH B	1 188.0	0.17		202.0		202.0	178.0	24.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	1.80	0.180	0.30	0.80	94	857	46	9 910	-588.3	1 641.0	1985	1991-10 ABAND 1989
64	1.80	0.130	0.44	0.80	95	874	44	14 614	-626.9	1 599.8	1981	1982-09 ABAND 1996
64	2.75	0.120	0.40	0.80	81	868	44	14 480	-609.0	1 631.0	1985	1985-12 ABAND 1987
64	2.20	0.120	0.39	0.80	81	868	44	14 738	-643.6	1 696.3	1985	1985-11 ABAND 1989
32	5.00	0.140	0.32	0.86	64	900	43		-586.6	1 577.2	1996	1997-06
64	4.00	0.150	0.50	0.80	85	868	50	13 801	-649.8	1 691.5	1984	1985-03 ABAND 1988
64	4.20	0.100	0.35	0.85	66	886	43	13 132	-1 149.4	2 124.8	1958	1990-10
497	2.92	0.070	0.22	0.63	155	825	71	22 542	-1 430.5	2 369.3	1965	1989-04 GPP
1 616	3.96	0.080	0.15	0.54	237	806	82	23 004	-1 492.6	2 442.8	1963	1982-12 GPP
32	3.00	0.180	0.38	0.85	60	900	39	11 799	-462.5	1 414.9	1982	1996-06 GPP
320	2.38	0.180	0.20	0.80	94	834	46	11 065	-485.0	1 489.7	1967	1995-12 GPP
196	1.59	0.190	0.24	0.80	94	838	46	11 882	-496.3	1 446.3	1981	1996-08 GPP
252	1.47	0.150	0.33	0.80	94	858	46	13 315	-532.9	1 536.5	1986	1992-12
64	2.44	0.150	0.50	0.90	39	829	38	13 505	-470.8	1 412.3	1976	1983-12 ABAND 1996
2 086					80	848	43	13 334	-509.1	1 508.1	1983	1996-04
1 076	1.40	0.180	0.24	0.88								
1 010	1.81	0.180	0.24	0.88								
40	8.38	0.200	0.18	0.80	92	872	38	12 430	-367.5	1 290.7	1987	1997-01 GPP
32	3.40	0.180	0.40	0.81	90	853	41	13 514	-631.0	1 651.8	1981	1996-06 GPP
64	2.30	0.150	0.43	0.80	93	834	46	11 901	-358.5	1 242.0	1989	1989-10 ABAND 1991
64	1.40	0.170	0.27	0.80	92	872	38	12 449	-370.1	1 285.1	1986	1990-07 ABAND 1993
64	2.40	0.180	0.25	0.80	94	834	46	11 743	-504.7	1 488.8	1990	1995-06 ABAND 1995
64	2.00	0.170	0.30	0.80	94	858	46	12 432	-529.2	1 505.7	1983	1990-12
16	2.30	0.180	0.25	0.86	63	850	41	13 471	-605.2	1 545.7	1992	1993-12 ABAND 1993
50	2.00	0.190	0.37	0.80	94	834	46	13 910	-545.1	1 521.3	1992	1995-12 GPP
128	2.70	0.170	0.21	0.86	64	850	41	13 097	-420.3	1 341.8	1995	1997-04 GPP
128	1.90	0.160	0.20	0.86	64	850	41	13 097	-419.7	1 338.3	1995	1997-04 GPP
64	0.90	0.210	0.46	0.86	63	850	41	10 545	-518.5	1 503.0	1997	1997-07 GPP
128	1.30	0.180	0.31	0.87	62	870	42		-523.1	1 497.0	1996	1998-06
148	1.70	0.200	0.19	0.80	94	854	46	10 367	-460.5	1 436.3	1982	1995-05 GPP
65	4.27	0.200	0.40	0.80	83	860	43	13 606	-476.4	1 452.1	1974	1989-12 ABAND 1993
64	7.00	0.200	0.60	0.84	68	844	38	13 856	-542.0	1 517.1	1979	1984-05 GPP
64	1.52	0.200	0.35	0.84	67	860	45	12 955	-423.5	1 342.8	1976	1994-11 ABAND 1993
654	2.73	0.170	0.50	0.80	94	834	46	13 277	-502.7	1 416.6	1989	1995-12 GPP
1 126					80	849	43	12 677	-514.4	1 522.2	1991	1997-12
1 112	1.51	0.150	0.43	0.83								
1 014	4.17	0.150	0.43	0.83								
374	1.22	0.160	0.43	0.83	80	849	43	13 330	-568.3	1 574.5	1989	1993-09
57	2.44	0.160	0.50	0.78	112	825	42	12 349	-508.0	1 432.8	1992	1998-11 GPP
770					80	848	43	13 253	-469.6	1 462.4	1992	1997-10
622	4.99	0.160	0.41	0.83								
148	4.73	0.160	0.39	0.83								
16	3.50	0.140	0.44	0.81	93	850	40	12 756	-431.3	1 343.4	1994	1996-06 GPP
32	3.90	0.160	0.35	0.81	93	851	40	12 471	-432.9	1 349.9	1995	1996-07 ABAND 1997
16	4.00	0.120	0.30	0.90	168	750	43	13 841	-519.7	1 442.7	1979	1996-06
64	3.20	0.260	0.33	0.80	95	914	35	12 681	-393.0	1 292.7	1985	1986-04 GPP
128	3.83	0.170	0.43	0.83	83	842	29	12 722	-398.3	1 296.0	1991	1997-03
64	4.50	0.050	0.37	0.87	45	820	44	14 003	-844.9	1 372.7	1980	1997-12 GPP
16	11.40	0.090	0.15	0.91	29	827	44	14 259	-854.5	1 381.4	1983	1997-12 GPP
1 691					44	830	44	14 657	-803.8	1 327.7	1985	1996-03
362	8.16	0.070	0.30	0.87								
1 329	9.85	0.070	0.33	0.87								
32	18.30	0.060	0.42	0.87	18	825	38	15 166	-864.5	1 399.8	1987	1996-05 GPP
64	4.03	0.062	0.41	0.87	47	834	40	15 708	-885.4	1 414.7	1986	1997-12 ABAND 1993
64	6.42	0.088	0.29	0.85	60	850	32	14 253	-848.7	1 376.9	1985	1990-12 GPP
358	4.00	0.160	0.39	0.85	55	828	45	15 825	-914.8	1 445.2	1982	1998-02 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
LOON 085-09W5 (CONTINUED)								
SLAVE POINT A & GRANITE WASH J TOT	6 234.0			325.0	111.0	436.0	399.2	* 36.8
PRIMARY AREA	3 441.0	0.07		241.0		241.0		
WATER FLOOD AREA	2 793.0	<0.04	0.04	84.1	111.0	195.0		
GRANITE WASH A	623.0	0.30		187.0		187.0	134.4	52.6
GRANITE WASH C	170.0	<0.19		32.1		32.1	32.1	
GRANITE WASH D	194.0	<0.03		4.1		4.1	4.1	
GRANITE WASH E	1 184.0	0.30		355.0		355.0	294.9	60.1
GRANITE WASH H	37.2	<0.06		2.2		2.2	2.2	
GRANITE WASH I	162.0	<0.01		1.3		1.3	1.3	
GRANITE WASH K	341.0	0.09		30.7		30.7	26.5	4.2
GRANITE WASH L	188.0	0.05		9.4		9.4	8.7	0.7
GRANITE WASH M	187.0	0.10		18.7		18.7	11.6	7.1
GRANITE WASH N	91.6	0.15		13.7		13.7	3.5	10.2
GRANITE WASH O	28.8	0.10		2.9		2.9	0.5	2.4
GRANITE WASH P	913.0	0.20		183.0		183.0	83.4	99.6
GRANITE WASH Q	96.4	0.10		9.6		9.6	1.4	8.2
GRANITE WASH R	154.0	0.20		30.8		30.8	16.7	14.1
GRANITE WASH S	198.0	0.25		49.5		49.5	39.3	10.2
GRANITE WASH T	63.8	0.20		12.8		12.8	2.5	10.3
GRANITE WASH U	157.0	0.20		31.4		31.4	13.4	18.0
GRANITE WASH V	30.2	0.20		6.0		6.0	1.3	4.7
GRANITE WASH W	120.0	0.20		24.0		24.0	3.0	21.0
GRANITE WASH X	50.3	0.21		10.6		10.6	10.5	0.1
FIELD TOTAL	19 694.2			1 955.2	218.0	2 173.2	1 599.3	573.9
LUBICON 087-10W5								
GRANITE WASH B	420.0	0.35		147.0		147.0	110.0	37.0
GRANITE WASH C	318.0	0.20		63.6		63.6	55.2	8.4
GRANITE WASH D	236.0	<0.02		4.1		4.1	4.1	
GRANITE WASH E	15.8	<0.05		0.7		0.7	0.7	
GRANITE WASH F	31.1	0.20		6.2		6.2	0.2	6.0
GRANITE WASH G	76.9	0.25		19.2		19.2	5.3	13.9
FIELD TOTAL	1 097.8			240.8		240.8	175.5	65.3
LUNNFORD 059-03W5								
ELLERSLIE D	322.0	0.05		16.1		16.1	9.2	6.9
FIELD TOTAL	322.0			16.1		16.1	9.2	6.9
MAJORVILLE 018-19W4								
UPPER MANNVILLE B	762.0	0.55		419.0		419.0	380.3	38.7
UPPER MANNVILLE C	297.0	<0.05		13.0		13.0	13.0	
UPPER MANNVILLE G	67.7	0.10		6.8		6.8	2.0	4.8
UPPER MANNVILLE H	101.0	<0.03		3.0		3.0	3.0	
UPPER MANNVILLE I	52.0	<0.02		0.9		0.9	0.9	
UPPER MANNVILLE O	77.2	0.10		7.7		7.7	0.6	7.1
UPPER MANNVILLE P	25.4	0.20		5.1		5.1	3.7	1.4
UPPER MANNVILLE Q	45.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE A	160.0	<0.04		6.0		6.0	6.0	
LOWER MANNVILLE C	2.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE D	48.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	1 718.2			462.1		462.1	410.1	52.0
MALMO 043-22W4								
BLAIRMORE A	1 270.0	0.20		254.0		254.0	239.3	14.7
ELLERSLIE C	35.5	<0.09		3.0		3.0	3.0	
ELLERSLIE D	55.3	<0.01		0.1		0.1	0.1	
ELLERSLIE F	49.8	<0.07		3.2		3.2	2.5	0.7
D-2 A	2 570.0	0.45		1 157.0		1 157.0	1 142.8	14.2
D-2 B	15.8	<0.06		0.8		0.8	0.8	
D-3 A	1 600.0	0.52		832.0		832.0	816.3	15.7
D-3 C	71.1	<0.02		0.8		0.8	0.8	
D-3 D	120.0	<0.01		1.0		1.0	1.0	
D-3 F	146.0	0.25		36.5		36.5	9.3	27.2
FIELD TOTAL	5 933.5			2 288.4		2 288.4	2 215.9	72.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 914					24	820	48	16 039	-868.4	1 427.8	1965	1998-10 GPP
768	12.19	0.065	0.35	0.87								
1 146	7.55	0.053	0.30	0.87								
630	1.40	0.140	0.42	0.87	51	820	77	16 861	-965.3	1 540.0	1965	1997-12 GPP
128	1.98	0.116	0.32	0.85	51	845	49	16 347	-967.4	1 567.8	1985	1996-06 GPP
64	3.40	0.150	0.30	0.85	64	830	42	17 030	-936.8	1 469.5	1982	1986-03 ABAND 1990
560	2.20	0.170	0.35	0.87	48	835	36	15 442	-895.2	1 417.6	1985	1998-10 GPP
16	3.00	0.150	0.40	0.86	51	821	49	16 282	-955.8	1 538.5	1985	1996-06 GPP
64	3.00	0.160	0.38	0.85	55	829	48	16 653	-946.6	1 488.8	1983	1987-07 ABAND 1990
64	5.20	0.180	0.33	0.85	55	830	48	15 548	-948.9	1 472.2	1987	1996-08 GPP
64	3.00	0.170	0.33	0.86	51	821	49	13 959	-953.7	1 511.0	1988	1991-12 GPP
32	5.90	0.170	0.33	0.87	39	837	41	15 265	-959.4	1 484.1	1989	1998-10 GPP
64	3.20	0.130	0.60	0.86	51	821	49	16 271	-976.1	1 504.3	1984	1990-04 GPP
64	1.17	0.080	0.44	0.86	51	821	49	15 208	-961.3	1 564.3	1981	1992-02 GPP
64	8.10	0.230	0.14	0.89	49	823	38	12 981	-886.8	1 407.0	1994	1994-06 GPP
64	3.70	0.104	0.55	0.87	43	820	46	15 277	-967.3	1 569.2	1982	1996-05 GPP
64	1.80	0.210	0.26	0.86	57	828	37	16 811	-871.6	1 391.6	1994	1994-11 GPP
96	1.97	0.190	0.38	0.89	49	823	38	16 323	-971.7	1 519.0	1994	1996-08 GPP
32	2.00	0.200	0.42	0.86	57	828	37	10 201	-967.7	1 520.2	1996	1996-09 GPP
64	2.92	0.150	0.35	0.86	57	828	37	13 406	-953.5	1 500.3	1996	1997-07 GPP
32	1.30	0.130	0.35	0.86	51	821	49		-959.8	1 538.2	1996	1997-11 GPP
16	8.00	0.170	0.35	0.85	55	826	48		-949.7	1 478.3	1997	1997-11 GPP
32	2.20	0.140	0.40	0.85	55	828	45			1 483.0	1986	1998-02 GPP
73	4.22	0.220	0.27	0.85	60	834	34	15 564	-912.8	1 451.0	1968	1997-12 GPP
60	3.39	0.233	0.21	0.85	60	834	44	15 974	-912.0	1 440.2	1962	1986-12 GPP
64	3.00	0.213	0.33	0.86	57	846	37	15 956	-942.4	1 483.5	1986	1994-11 ABAND 1991
16	1.10	0.180	0.42	0.86	57	828	37	11 750	-960.7	1 500.7	1994	1998-11 GPP
32	1.44	0.140	0.44	0.86	57	828	37	15 597	-917.1	1 436.0	1984	1995-03 GPP
40	2.10	0.190	0.44	0.86	57	828	37		-906.3	1 443.4	1996	1996-12 GPP
128	3.74	0.150	0.49	0.88	47	889	34	8 129	-444.1	1 121.5	1991	1992-11 GPP
135	3.68	0.220	0.18	0.85	58	887	60	11 843	-433.8	1 369.2	1974	1998-12 GPP
65	3.03	0.240	0.26	0.85	58	887	60	12 790	-491.3	1 424.3	1975	1996-06 ABAND 1996
32	2.00	0.180	0.30	0.84	72	870	40	12 206	-454.4	1 380.8	1986	1996-08 GPP
64	2.00	0.140	0.32	0.83	70	872	42	12 259	-472.6	1 380.5	1981	1982-06 ABAND 1988
16	4.30	0.130	0.30	0.83	73	846	32	11 791	-426.9	1 347.8	1987	1996-06 GPP
64	1.70	0.150	0.45	0.86	65	868	40	11 837	-420.9	1 349.9	1991	1992-06 GPP
32	0.91	0.170	0.46	0.95	45	890	42	12 095	-448.9	1 394.6	1992	1998-05 GPP
16	3.00	0.160	0.30	0.85	64	868	40	11 916	-449.1	1 366.4	1993	1996-06 ABAND 1998
64	3.66	0.160	0.50	0.85	66	876	40	12 355	-419.5	1 344.3	1976	1994-07 ABAND 1993
64	1.80	0.135	0.38	0.85	60	872	40	12 474	-434.7	1 387.1	1987	1992-10 ABAND 1991
16	3.30	0.200	0.45	0.83	83	903	45	11 973	-469.6	1 386.7	1986	1992-09 ABAND 1992
203	4.08	0.252	0.24	0.80	78	825	56	10 286	-611.5	1 436.2	1952	1995-12 GPP
16	2.00	0.240	0.45	0.84	69	843	55	9 208	-621.7	1 401.0	1983	1996-06 GPP
64	1.20	0.170	0.45	0.77	95	882	66	9 189	-579.9	1 390.4	1989	1990-01 ABAND 1989
16	4.50	0.230	0.65	0.86	56	828	53	9 314	-609.5	1 411.7	1976	1996-06 GPP
573	15.30	0.047	0.20	0.78	95	834	57	11 654	-730.5	1 543.4	1952	1986-12 GPP
16	3.20	0.050	0.20	0.77	94	828	57	11 361	-688.4	1 518.4	1953	1994-11 ABAND 1994
220	15.54	0.070	0.12	0.76	111	834	58	4 921	-780.5	1 598.9	1952	1992-12 GPP
65	2.44	0.067	0.12	0.76	111	829	56	15 396	-848.3	1 630.4	1965	1973-02 ABAND 1984
16	16.90	0.074	0.25	0.80	70	886	50	12 563	-850.7	1 638.9	1979	1992-11 ABAND 1991
64	2.70	0.150	0.25	0.75	105	834	57			1 622.7	1994	1998-03 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
MANIR 072-03W6								
CHARLIE LAKE A	4 065.0	0.15		610.0		610.0	449.4	160.6
CHARLIE LAKE E	271.0	<0.01		0.1		0.1	0.1	
CHARLIE LAKE H	159.0	0.15		23.9		23.9	14.3	9.6
FIELD TOTAL	4 495.0			634.0		634.0	463.8	170.2
MANITO 042-20W4								
GLAUCONITIC A	167.0	<0.01		1.5		1.5	1.5	
ELLERSLIE A,B,C & D	163.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	330.0			1.9		1.9	1.9	
MANOLA 059-02W5								
LOWER MANNVILLE E	1 639.0	0.04		65.6		65.6	46.2	19.4
LOWER MANNVILLE F	275.0	0.05		13.8		13.8	5.9	7.9
LOWER MANNVILLE H	173.0	0.03		5.2		5.2	3.7	1.5
LOWER MANNVILLE I	1 025.0	0.03		30.8		30.8	19.8	11.0
LOWER MANNVILLE K	228.0	0.10		22.8		22.8	15.9	6.9
LOWER MANNVILLE L	595.0	0.10		59.5		59.5	34.0	25.5
LOWER MANNVILLE M	38.1	0.02		0.8		0.8	0.8	
LOWER MANNVILLE N	82.5	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE P	109.0	0.05		5.5		5.5	0.6	4.9
LOWER MANNVILLE Q	59.4	0.10		5.9		5.9	0.8	5.1
FIELD TOTAL	4 224.0			210.5		210.5	128.3	82.2
MANYBERRIES 005-05W4								
GLAUCONITIC A	9.7	<0.03		0.2		0.2	0.2	
SUNBURST A	500.0	0.20		100.0		100.0	93.0	7.0
SUNBURST B TOTAL	2 235.0			402.0	104.0	506.0	437.4	68.6
PRIMARY AREA	1 194.0	<0.21		246.0		246.0		
WATER FLOOD AREA	1 041.0	0.15	0.10	156.0	104.0	260.0		
SUNBURST C TOTAL	882.0			225.0	51.4	276.0	212.8	63.2
PRIMARY AREA	238.0	0.35		83.3		83.3		
WATER FLOOD AREA	644.0	0.22	0.08	142.0	51.4	193.0		
SUNBURST J	281.0	<0.09		23.2		23.2	23.2	
SUNBURST L	147.0	<0.02		2.4		2.4	2.4	
SUNBURST O TOTAL	2 236.0			298.0	55.2	353.0	251.1	101.9
PRIMARY AREA	396.0	0.10		39.6		39.6		
WATER FLOOD AREA	1 840.0	0.14	0.03	258.0	55.2	313.0		
SUNBURST O TOTAL	3 923.0			785.0	594.0	1 379.0	1 239.2	139.8
PRIMARY AREA	625.0	0.20		125.0		125.0		
WATER FLOOD AREA	3 298.0	0.20	0.18	660.0	594.0	1 254.0		
SUNBURST U TOTAL	141.0			33.5	18.4	51.9	48.9	3.0
PRIMARY AREA	18.0	0.15		2.7		2.7		
GAS FLOOD AREA	123.0	0.25	0.15	30.8	18.4	49.2		
SUNBURST CC	90.5	<0.01		0.6		0.6	0.6	
SUNBURST FF	65.2	<0.03		1.4		1.4	1.4	
SUNBURST HH	92.0	<0.01		0.8		0.8	0.8	
SUNBURST II	441.0	0.20		88.2		88.2	59.4	28.8
SUNBURST JJ TOTAL	2 201.0			414.0	264.0	678.0	633.4	44.6
PRIMARY AREA	879.0	0.20		176.0		176.0		
WATER FLOOD AREA	1 322.0	0.18	0.20	238.0	264.0	502.0		
SUNBURST KK	2 343.0	0.11		258.0		258.0	205.8	52.2
SUNBURST LL TOTAL	660.0			106.0	23.3	129.0	96.3	32.7
PRIMARY AREA	77.1	0.16		12.3		12.3		
WATER FLOOD AREA	583.0	0.16	0.04	93.3	23.3	117.0		
SUNBURST OO	1 700.0	0.18		306.0		306.0	258.3	47.7
SUNBURST SS	256.0	<0.04		8.1		8.1	8.1	
SUNBURST VV TOTAL	906.0			170.0	39.7	210.0	157.7	52.3
PRIMARY AREA	112.0	0.10		11.2		11.2		
WATER FLOOD AREA	794.0	0.20	0.05	159.0	39.7	199.0		
SUNBURST WW	150.0	0.10		15.0		15.0	5.4	9.6
SUNBURST YY	57.0	<0.01		0.1		0.1	0.1	
SUNBURST ZZ	107.0	<0.02		2.0		2.0	2.0	
SUNBURST AAA	66.9	0.03		2.0		2.0	2.0	
SUNBURST CCC	31.1	0.30		9.3		9.3	7.3	2.0
SUNBURST DDD	57.0	<0.01		0.1		0.1	0.1	
SUNBURST GGG	15.4	<0.03		0.4		0.4	0.4	
SUNBURST HHH	26.5	<0.03		0.6		0.6	0.6	
SUNBURST MMM	724.0	0.10		72.4		72.4	19.4	53.0
SUNBURST NNN	514.0	0.10		51.4		51.4	18.7	32.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
2 100	2.75	0.147	0.43	0.84	56	873	50	15 556	-1 018.2	1 678.1	1986	1988-07 GPP
64	7.33	0.093	0.26	0.84	60	836	47	15 414	-1 017.7	1 695.1	1987	1992-10
64	1.84	0.194	0.13	0.80	76	850	50	15 638	-1 062.6	1 818.5	1985	1985-09 GPP
64	2.80	0.160	0.30	0.83	70	850	41	9 135	-471.9	1 265.6	1980	1981-02
16	9.20	0.190	0.27	0.80	47	856	42	9 473	-504.3	1 298.0	1980	1992-11
781	2.63	0.170	0.46	0.87	54	891	37	8 349	-439.9	1 077.1	1984	1998-11 GPP
128	2.69	0.180	0.49	0.87	55	891	37	8 415	-447.0	1 083.6	1985	1991-12 GPP
32	5.00	0.180	0.31	0.87	54	911	34	8 299	-433.0	1 066.5	1986	1998-11 GPP
371	2.80	0.180	0.37	0.87	57	892	33	8 962	-420.7	1 074.9	1990	1996-06 GPP
102	2.30	0.180	0.38	0.87	57	892	33	8 708	-421.5	1 072.1	1991	1992-06 GPP
160	3.00	0.220	0.36	0.88	55	893	35	9 081	-435.5	1 076.8	1992	1998-01 GPP
16	2.80	0.190	0.48	0.86	55	900	37	8 191	-456.7	1 095.9	1994	1998-11 GPP
32	4.36	0.170	0.60	0.87	50	910	34	8 818	-453.7	1 089.4	1994	1998-11 GPP
64	1.30	0.200	0.25	0.87	57	890	33			1 044.7	1997	1998-06 GPP
16	2.00	0.270	0.21	0.87	57	890	33			1 050.0	1997	1998-12 GPP
16	1.00	0.090	0.27	0.92	32	824	33	9 070	-91.6	1 157.5	1987	1996-06
192	1.93	0.210	0.30	0.92	66	834	36	8 898	-97.1	1 142.4	1962	1997-12 GPP
720					48	829	30	9 114	-104.8	1 178.2	1955	1995-08 GPP
416	2.53	0.200	0.37	0.90								
304	3.02	0.200	0.37	0.90								
484					66	839	34	9 566	-88.1	1 129.3	1967	1997-12
125	1.25	0.250	0.30	0.87								
359	1.30	0.260	0.39	0.87								
183	1.12	0.230	0.30	0.85	51	883	37	8 703	-93.9	1 151.7	1963	1996-06 GPP
65	1.52	0.270	0.35	0.85	53	855	37	9 011	-96.5	1 270.6	1972	1975-12 ABAND 1975
374					71	839	35	8 983	-98.5	1 117.0	1971	1998-12
64	3.70	0.260	0.26	0.87								
310	6.63	0.210	0.51	0.87								
834					57	838	32	8 625	-92.4	1 100.1	1978	1998-12 GPP
216	3.08	0.180	0.40	0.87								
618	5.68	0.180	0.40	0.87								
48					66	830	36	9 141	-72.6	1 028.2	1980	1996-08 GPP
16	1.84	0.160	0.55	0.85								
32	3.39	0.230	0.42	0.85								
32	2.10	0.220	0.28	0.85	32	824	33	8 781	-98.9	1 145.0	1971	1992-10
16	4.69	0.140	0.27	0.85	60	838	33	8 453	-84.2	1 090.9	1984	1996-06 ABAND 1997
32	2.70	0.180	0.32	0.87	50	837	34	9 133	-82.7	1 076.8	1984	1998-11 GPP
104	3.00	0.230	0.36	0.96	14	837	35	9 170	-81.6	1 064.4	1984	1998-11 GPP
530					28	834	40	9 231	-96.8	1 118.2	1970	1998-07
258	2.85	0.200	0.35	0.92								
272	4.06	0.200	0.35	0.92								
864	2.91	0.170	0.37	0.87	57	839	32	9 206	-90.4	1 075.7	1970	1998-09 GPP
257					66	839	34	9 115	-91.0	1 167.6	1984	1997-06 GPP
64	1.00	0.210	0.37	0.91								
193	1.85	0.260	0.31	0.91								
388	4.66	0.180	0.40	0.87	57	838	32	9 266	-83.0	1 057.0	1977	1995-12 GPP
130	1.72	0.210	0.40	0.91	28	825	40	8 973	-97.2	1 174.7	1955	1996-06 ABAND 1996
239					32	824	33	8 083	-97.4	1 158.3	1988	1996-12
16	6.50	0.170	0.31	0.92								
223	3.30	0.170	0.31	0.92								
64	3.00	0.130	0.34	0.91	28	825	40	8 047	-93.1	1 111.5	1988	1989-01 GPP
16	4.30	0.180	0.50	0.92	32	824	33	8 101	-100.6	1 166.2	1988	1996-06 ABAND 1996
16	4.80	0.240	0.33	0.87	57	838	32	7 390	-75.7	1 046.4	1988	1996-06 GPP
64	1.40	0.130	0.34	0.87	66	841	35	9 117	-81.5	1 043.3	1988	1995-05 ABAND 1994
32	1.01	0.170	0.35	0.87	57	838	32	9 072	-104.5	1 283.4	1991	1997-12 GPP
32	1.50	0.220	0.38	0.87	57	838	32	9 038	-92.2	1 190.1	1990	1995-12 ABAND 1995
32	0.80	0.150	0.54	0.87	71	839	35	9 248	-99.0	1 128.4	1983	1994-11 ABAND 1993
16	1.50	0.240	0.50	0.92	32	824	33	9 062	-100.4	1 137.8	1981	1996-06 ABAND 1996
193	4.20	0.180	0.43	0.87	57	838	32	4 306	-104.4	1 198.4	1996	1998-09 GPP
48	11.40	0.180	0.40	0.87	57	838	32	9 737	-104.3	1 232.9	1997	1998-07 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
MANYBERRIES 005-05W4 (CONTINUED)								
SWIFT B	680.0	0.15		102.0		102.0	81.4	20.6
JURASSIC A	36.1	0.15		5.4		5.4	1.3	4.1
FIELD TOTAL	21 574.4			3 483.1	1 150.0	4 632.5	3 868.7	763.8
MARKERVILLE 036-02W5								
VIKING A	100.0	0.20		20.0		20.0	19.3	0.7
VIKING B	105.0	<0.01		0.3		0.3	0.3	
JURASSIC A	211.0	0.05		10.6		10.6	3.3	7.3
PEKISKO B	320.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	736.0			31.3		31.3	23.3	8.0
MARLBORO 055-19W5								
CARDIUM A	63.6	0.10		6.4		6.4	4.4	2.0
GETHING A	273.0	<0.01		1.2		1.2	1.2	
GETHING B	165.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	501.6			7.9		7.9	5.9	2.0
MARLOWE 122-22W5								
KEG RIVER A	1 448.0	0.25		362.0		362.0	93.6	268.4
FIELD TOTAL	1 448.0			362.0		362.0	93.6	268.4
MARSH 054-25W5								
BELLY RIVER A	119.0	0.15		17.9		17.9	2.3	15.6
FIELD TOTAL	119.0			17.9		17.9	2.3	15.6
MATZIWIN 023-14W4								
UPPER MANNVILLE C	64.7	0.10		6.5		6.5	0.2	6.3
GLAUCONITIC B	93.6	0.10		9.4		9.4	6.9	2.5
GLAUCONITIC C	152.0	0.10		15.2		15.2	6.1	9.1
GLAUCONITIC D	80.3	0.10		8.0		8.0	1.0	7.0
GLAUCONITIC H	183.0	0.10		18.3		18.3	7.2	11.1
GLAUCONITIC I	74.6	0.10		7.5		7.5	4.0	3.5
GLAUCONITIC J	310.0	0.05		15.5		15.5	3.1	12.4
GLAUCONITIC A & PEKISKO D	2 204.0	0.06		132.0		132.0	111.6	20.4
LOWER MANNVILLE D	112.0	<0.04		4.2		4.2	4.2	
LOWER MANNVILLE E	498.0	0.04		19.9		19.9	16.9	3.0
LOWER MANNVILLE F	200.0	0.05		10.0		10.0	7.7	2.3
FIELD TOTAL *	3 972.2			246.5		246.5	168.9	77.6
MCKINLEY 064-22W5								
GETHING C	97.8	0.07		6.8		6.8	1.3	5.5
FIELD TOTAL	97.8			6.8		6.8	1.3	5.5
MCLEANS CREEK 074-21W5								
GILWOOD A	767.0	0.10		76.7		76.7	50.4	26.3
GILWOOD C	263.0	<0.01		1.2		1.2	1.2	
GILWOOD D	86.3	0.20		17.3		17.3	8.5	8.8
GILWOOD F	428.0	0.15		64.2		64.2	51.7	12.5
GILWOOD G	56.0	0.15		8.4		8.4	7.5	0.9
GILWOOD I	101.0	0.10		10.1		10.1	9.8	0.3
GRANITE WASH A	91.1	<0.06		5.3		5.3	5.3	
FIELD TOTAL	1 792.4			183.2		183.2	134.4	48.8
MCLEOD 056-14W5								
CARDIUM A	325.0	0.20		65.0		65.0	48.0	17.0
CARDIUM B	267.0	<0.03		6.1		6.1	6.1	
BLUESKY E	76.4	0.10		7.6		7.6	0.3	7.3
GETHING E	119.0	<0.01		0.7		0.7	0.7	
GETHING F	293.0	0.04		11.7		11.7	5.8	5.9
GETHING G	91.4	0.05		4.6		4.6	2.0	2.6
GETHING J	83.9	0.15		12.6		12.6	11.3	1.3

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
128	4.10	0.210	0.29	0.87	57	838	32	8 583	-91.2	1 057.5	1986	1996-12 GPP
16	2.00	0.240	0.50	0.94	25	933	29	11 526	-179.8	1 222.3	1992	1992-09 GPP
167	1.84	0.070	0.38	0.75	102	833	66	12 830	-976.6	1 904.5	1976	1985-04 GPP
64	3.10	0.120	0.41	0.75	95	852	63	9 710	-971.1	1 905.3	1977	1983-12 ABAND 1982
32	5.70	0.190	0.21	0.77	104	888	69	15 752	-1 223.6	2 163.2	1990	1991-05 GPP
64	19.80	0.050	0.36	0.79	79	879	74	14 799	-1 274.6	2 217.3	1980	1981-08 ABAND 1983
64	2.50	0.120	0.52	0.69	148	822	64	17 913	-894.0	2 098.2	1996	1996-09 ABAND 1970
65	7.32	0.120	0.20	0.60	239	825	97	35 785	-1 655.0	2 802.0	1969	1974-05 ABAND 1975
65	4.27	0.120	0.17	0.60	239	820	68	34 774	-1 618.0	2 765.5	1969	1973-02 ABAND 1975
179	44.40	0.030	0.31	0.88	43	825	52	10 666	-779.3	1 340.2	1986	1998-05 GPP
64	4.80	0.070	0.27	0.76	98	816	89		-965.3	2 188.3	1996	1998-01
16	3.60	0.190	0.35	0.91	43	872	29		-191.8	909.8	1994	1998-10
32	4.30	0.160	0.50	0.85	64	880	32	9 713	-283.6	1 004.5	1985	1998-11 GPP
64	3.00	0.150	0.38	0.85	60	860	30	9 750	-281.3	999.5	1994	1994-10 GPP
64	1.00	0.220	0.40	0.95	62	886	31	9 835	-290.7	1 032.0	1993	1995-03
32	5.90	0.200	0.45	0.88	60	865	30	9 764	-277.5	996.6	1993	1995-04 GPP
16	3.60	0.220	0.36	0.92	84	840	32	9 680	-288.4	1 013.9	1995	1996-02 GPP
64	5.00	0.190	0.40	0.85	60	878	33	8 592	-285.1	1 006.9	1995	1996-03 GPP
445	8.04	0.120	0.41	0.87	68	883	32	9 802	-284.3	1 000.2	1983	1998-01 GPP
64	1.70	0.190	0.36	0.85	62	887	32	9 409	-299.0	1 013.2	1983	1992-10
128	4.46	0.180	0.43	0.85	60	850	35	9 812	-296.0	1 012.4	1986	1996-08 GPP
32	6.10	0.180	0.38	0.92	33	919	34	9 555	-302.5	1 019.6	1987	1998-11 GPP
32	3.30	0.150	0.13	0.71	119	861	67	15 952	-1 115.4	1 938.9	1994	1996-08
318	2.87	0.160	0.41	0.89	32	838	58	27 092	-1 936.9	2 529.7	1985	1991-12 GPP
64	5.71	0.147	0.41	0.83	50	837	85	26 728	-1 946.0	2 528.0	1987	1992-10 ABAND 1995
64	2.54	0.122	0.50	0.87	36	854	86	25 862	-1 948.1	2 587.8	1986	1987-12 GPP
295	1.90	0.130	0.34	0.89	36	834	86	27 735	-1 976.9	2 576.8	1987	1994-03 GPP
32	3.08	0.110	0.42	0.89	36	835	86	26 057	-2 007.4	2 626.0	1988	1991-12 GPP
64	2.55	0.110	0.37	0.89	36	834	86	27 369	-1 994.9	2 597.5	1987	1994-03 GPP
32	3.50	0.140	0.30	0.83	50	837	85	27 901	-1 970.9	2 558.2	1987	1992-10 ABAND 1995
110	5.02	0.100	0.30	0.84	62	834	53	9 146	-660.3	1 507.1	1972	1997-12 GPP
65	6.10	0.090	0.12	0.85	61	875	52	9 211	-565.9	1 353.8	1963	1975-12 ABAND 1975
32	3.50	0.130	0.30	0.75	120	863	65			1 936.5	1997	1998-07
64	2.90	0.120	0.37	0.85	52	883	72	13 755	-1 137.1	2 023.2	1985	1992-03 ABAND 1991
64	4.40	0.165	0.16	0.75	102	856	74	17 467	-1 228.4	2 123.9	1986	1996-08 GPP
32	2.80	0.160	0.15	0.75	120	856	67	15 992	-1 243.9	2 164.7	1986	1996-08 GPP
64	3.90	0.120	0.60	0.70	150	825	70	17 021	-1 211.6	2 058.1	1983	1993-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
MCLEOD 056-14W5 (CONTINUED)									
GETHING K	112.0	0.10		11.2		11.2	2.1	9.1	
GETHING L	200.0	0.15		30.0		30.0	17.0	13.0	
GETHING AA	83.9	0.05		4.2		4.2	1.0	3.2	
GETHING BB	187.0	0.15		28.1		28.1	5.4	22.7	
GETHING CC	151.0	0.10		15.1		15.1	0.4	14.7	
ROCK CREEK C	40.1	<0.08		3.1		3.1	3.1		
ROCK CREEK F	235.0	0.15		35.3		35.3	6.3	29.0	
BANFF A	267.0	0.10		26.7		26.7	5.1	21.6	
FIELD TOTAL	2 531.7			262.0		262.0	114.6	147.4	
MEDICINE RIVER 039-03W5									
CARDIUM A	81.4	0.02		1.6		1.6	0.7	0.9	
CARDIUM B	154.0	0.08		12.3		12.3	4.5	7.8	
CARDIUM C	56.9	0.10		5.7		5.7	0.2	5.5	
VIKING A	63.4	<0.06		3.5		3.5	3.5		
VIKING D TOTAL	4 008.0			606.0	374.0	980.0	829.4	150.6	
PRIMARY AREA	907.0	0.15		136.0		136.0			
WATER FLOOD AREA	3 101.0	<0.16	0.12	470.0	374.0	844.0			
VIKING N	62.7	<0.03		1.6		1.6	1.6		
VIKING P	56.7	0.10		5.7		5.7	3.5	2.2	
GLAUCONITIC A TOTAL	15 550.0			1 395.0	1 172.0	2 567.0	2 411.6	155.4	
PRIMARY AREA	5 782.0	<0.06		320.0		320.0			
WATER FLOOD AREA	9 770.0	0.11	0.12	1 075.0	1 172.0	2 247.0			
GLAUCONITIC H	228.0	<0.01		0.5		0.5	0.5		
GLAUCONITIC J	106.0	<0.06		5.5		5.5	5.5		
GLAUC D & OSTRACOD A TOTAL	2 182.0			333.0	373.0	706.0	663.1	42.9	
PRIMARY AREA	485.0	0.16		77.6		77.6			
WATER FLOOD AREA	1 697.0	0.15	0.22	255.0	373.0	628.0			
GLAUCONITIC I & ELKTON-SHUNDA A	458.0	0.04		18.3		18.3	15.9	2.4	
OSTRACOD B	461.0	0.23		106.0		106.0	91.4	14.6	
OSTRACOD C	585.0	0.28		164.0		164.0	161.1	2.9	
OSTRACOD R	64.0	<0.03		1.4		1.4	1.4		
OSTRACOD S	111.0	0.13		14.4		14.4	13.4	1.0	
OSTRACOD Y	53.7	<0.02		0.8		0.8	0.8		
OSTRACOD AA	11.3	<0.01		0.1		0.1	0.1		
OSTRACOD CC	70.7	0.15		10.6		10.6	3.6	7.0	
OSTRACOD DD	134.0	0.15		20.1		20.1	9.1	11.0	
BASAL QUARTZ B TOTAL	5 328.0			373.0	145.0	518.0	443.2	74.8	
PRIMARY AREA	2 428.0	0.07		170.0		170.0			
WATER FLOOD AREA	2 900.0	0.07	0.05	203.0	145.0	348.0			
BASAL QUARTZ C	64.8	<0.01		0.5		0.5	0.5		
BASAL QUARTZ D	475.0	0.05		23.8		23.8	18.7	5.1	
BASAL QUARTZ F	138.0	<0.01		0.6		0.6	0.6		
BASAL QUARTZ H	159.0	0.12		19.1		19.1	18.9	0.2	
BASAL QUARTZ I	262.0	0.15		39.3		39.3	34.4	4.9	
BASAL QUARTZ J	556.0	0.10		55.6		55.6	45.1	10.5	
BASAL QUARTZ K	328.0	0.15		49.2		49.2	35.1	14.1	
BASAL QUARTZ Y	199.0	<0.01		0.2		0.2	0.2		
BASAL QUARTZ BB	134.0	0.14		18.8		18.8	15.7	3.1	
BASAL QUARTZ JJ	145.0	<0.01		0.1		0.1	0.1		
BASAL QUARTZ KK	255.0	0.15		38.3		38.3	36.5	1.8	
BASAL QUARTZ LL	469.0	0.08		37.5		37.5	34.0	3.5	
JURASSIC A TOTAL	5 574.0			866.0	1 391.0	2 257.0	2 117.9	139.1	
PRIMARY AREA	423.0	0.10		42.3		42.3			
WATER FLOOD AREA	5 151.0	0.16	0.27	824.0	1 391.0	2 215.0			
JURASSIC B	1 160.0	0.13		151.0		151.0	145.6	5.4	
JURASSIC C TOTAL	9 256.0			1 437.0	1 243.0	2 680.0	2 483.3	196.7	
PRIMARY AREA	970.0	0.20		194.0		194.0			
WATER FLOOD AREA	8 286.0	0.15	0.15	1 243.0	1 243.0	2 486.0			
JURASSIC D TOTAL	9 206.0			1 616.0	1 667.0	3 283.0	2 600.1	682.9	
PRIMARY AREA	1 270.0	0.21		267.0		267.0			
WATER FLOOD AREA	7 936.0	0.17	0.21	1 349.0	1 667.0	3 016.0			
JURASSIC E	420.0	0.12		50.4		50.4	46.6	3.8	
JURASSIC L	128.0	0.05		6.4		6.4	5.7	0.7	
JURASSIC O	1 276.0	0.15		191.0		191.0	95.2	95.8	
JURASSIC Q	405.0	0.15		60.8		60.8	28.4	32.4	
JURASSIC S	45.3	<0.03		1.0		1.0	1.0		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	3.20	0.123	0.39	0.73	102	856	76	16 612	-1 264.4	2 124.0	1986	1986-12 GPP
79	5.02	0.120	0.40	0.70	156	825	82	21 987	-1 256.7	2 221.9	1988	1991-12 GPP
32	4.50	0.130	0.36	0.70	156	825	82			2 138.4	1996	1997-05
64	4.30	0.120	0.19	0.70	156	825	82	17 587	-1 014.1	2 038.0	1996	1997-05 GPP
64	2.40	0.180	0.22	0.70	156	858	82			2 079.8	1997	1998-04 GPP
64	1.00	0.110	0.24	0.75	92	850	78	18 271	-1 103.6	2 205.5	1990	1998-06 ABAND 1998
64	5.10	0.150	0.40	0.80	93	841	60	18 107	-1 200.2	2 043.1	1996	1997-10
64	4.50	0.150	0.14	0.72	221	843	85			2 393.8	1997	1998-03
64	1.52	0.124	0.10	0.75	106	898	49	19 163	-712.2	1 659.2	1963	1984-12 GPP
65	2.44	0.160	0.09	0.67	167	898	62	16 866	-847.0	1 848.0	1965	1985-07 GPP
64	1.00	0.150	0.25	0.79	86	898	80			1 629.0	1993	1998-04 GPP
130	1.07	0.100	0.32	0.67	160	844	91	19 769	-976.1	1 931.8	1963	1971-05
3 960					130	813	52	14 634	-894.1	1 851.9	1961	1994-05 GPP
850	1.68	0.116	0.27	0.75								
3 110	1.57	0.116	0.27	0.75								
64	2.00	0.100	0.30	0.70	130	813	52	14 869	-908.6	1 888.3	1979	1988-12 ABAND 1991
64	1.50	0.100	0.18	0.72	130	793	64	16 076	-980.5	1 915.6	1988	1989-11 GPP
5 289					244	839	64	25 891	-1 279.5	2 251.3	1963	1994-12 GPP
1 657	4.93	0.140	0.21	0.64								
3 632	4.18	0.130	0.25	0.66								
64	7.00	0.100	0.25	0.68	159	840	73	14 968	-1 074.6	2 054.3	1979	1986-12 ABAND 1984
64	2.42	0.130	0.25	0.70	89	870	66	15 937	-969.4	1 940.5	1976	1996-01 ABAND 1995
1 435					101	887	67	19 312	-1 142.2	2 079.4	1961	1995-12
291	1.89	0.160	0.20	0.69								
1 144	1.92	0.140	0.20	0.69								
64	9.31	0.125	0.18	0.75	243	839	72	26 093	-1 258.9	2 217.8	1961	1994-03 GPP
360	1.83	0.130	0.22	0.69	148	849	68	19 514	-1 212.8	2 173.8	1963	1998-12 GPP
117	5.30	0.171	0.20	0.69	153	839	72	17 621	-1 313.2	2 299.0	1964	1993-11 GPP
65	1.52	0.120	0.25	0.72	133	870	68	17 525	-1 299.5	2 283.1	1974	1976-12 ABAND 1975
98	1.83	0.110	0.25	0.75	110	849	57	19 466	-1 241.7	2 166.8	1974	1998-12 GPP
64	1.70	0.100	0.35	0.76	110	877	57	17 116	-1 079.9	2 046.8	1983	1984-05 ABAND 1989
16	1.13	0.110	0.27	0.78	85	860	60	19 284	-1 198.9	2 143.5	1988	1996-06 ABAND 1993
64	1.10	0.160	0.14	0.73	125	850	72			2 239.0	1997	1997-09 GPP
64	2.40	0.150	0.16	0.69	145	837	72	20 668	-1 191.9	2 122.1	1995	1997-04 GPP
1 322					88	892	70	16 422	-1 213.0	2 159.2	1959	1989-08
555	5.28	0.138	0.24	0.79								
767	4.58	0.134	0.22	0.79								
32	2.44	0.140	0.24	0.78	74	892	66	15 906	-1 185.1	2 146.0	1962	1965-01 GPP
100	5.66	0.140	0.25	0.80	74	892	68	15 491	-1 171.6	2 099.5	1962	1998-12 ABAND 1963
64	1.83	0.200	0.25	0.78	76	898	68	16 094	-1 219.0	2 158.9	1963	1964-12 GPP
32	6.45	0.130	0.25	0.79	76	898	66	16 358	-1 223.4	2 178.9	1963	1994-11 ABAND 1966
64	5.22	0.140	0.30	0.80	78	898	66	17 105	-1 269.0	2 224.9	1962	1997-12 GPP
64	10.47	0.140	0.25	0.79	89	898	66	17 057	-1 262.8	2 219.9	1962	1997-12 GPP
152	3.00	0.130	0.30	0.79	76	892	68	17 368	-1 217.6	2 170.3	1962	1998-12 GPP
65	5.18	0.096	0.22	0.79	87	898	66	16 232	-1 269.3	2 239.2	1974	1975-11
64	3.50	0.100	0.20	0.75	112	866	74	20 396	-1 359.8	2 363.0	1980	1998-11 GPP
16	11.50	0.150	0.35	0.81	79	891	70	15 501	-1 155.9	2 141.8	1991	1996-06
99	4.00	0.110	0.26	0.79	86	892	66	16 227	-1 215.1	2 148.4	1974	1993-05 GPP
1 177	3.53	0.130	0.25	0.77	88	892	70	16 178	-1 191.7	2 128.6	1959	1994-03 GPP
1 385					90	887	63	16 036	-1 203.0	2 152.8	1956	1994-12
96	4.65	0.160	0.26	0.80								
1 289	4.69	0.142	0.25	0.80								
303	5.03	0.132	0.27	0.79	88	887	69	14 942	-1 198.6	2 137.6	1961	1996-12 GPP
1 729					84	892	63	16 759	-1 228.3	2 176.9	1961	1994-12 GPP
311	4.91	0.120	0.33	0.79								
1 418	8.00	0.138	0.33	0.79								
830					83	887	68	16 224	-1 206.4	2 138.9	1959	1997-12 GPP
128	11.36	0.140	0.22	0.80								
702	13.50	0.145	0.25	0.77								
75	4.60	0.220	0.29	0.78	94	887	70	16 838	-1 259.2	2 205.7	1962	1992-08 GPP
64	3.00	0.110	0.17	0.73	130	803	99	15 588	-1 203.0	2 151.5	1980	1993-12 GPP
418	4.69	0.130	0.35	0.77	105	871	69	17 416	-1 319.0	2 296.6	1985	1998-12 GPP
64	6.90	0.170	0.30	0.77	105	888	69	16 361	-1 178.5	2 110.9	1963	1991-04 GPP
16	5.00	0.120	0.41	0.80	82	892	58	15 763	-1 235.8	2 157.9	1991	1996-06 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
MEDICINE RIVER 039-03W5 (CONTINUED)								
JURASSIC U	85.3	<0.01		0.8		0.8	0.8	*
JURASSIC V	154.0	0.10		15.4		15.4	3.0	12.4
JURASSIC W	201.0	0.05		10.1		10.1	5.3	4.8
JURASSIC Y	72.6	0.08		5.8		5.8	3.8	2.0
JURASSIC BB	403.0	0.10		40.3		40.3	14.1	26.2
JURASSIC CC	136.0	0.10		13.6		13.6	8.9	4.7
JURASSIC DD	113.0	0.10		11.3		11.3	3.2	8.1
JURASSIC EE	134.0	0.05		6.7		6.7	0.3	6.4
JURASSIC FF	199.0	<0.13		25.2		25.2	25.2	
JURASSIC GG	153.0	0.15		23.0		23.0	7.7	15.3
JURASSIC HH	116.0	<0.01		0.5		0.5	0.5	
JURASSIC R & X	2 601.0	0.15		390.0		390.0	174.6	215.4
ELKTON-SHUNDA E	961.0	0.15		144.0		144.0	123.9	20.1
ELKTON-SHUNDA F	48.4	0.15		7.3		7.3	1.5	5.8
SHUNDA A	221.0	<0.01		1.8		1.8	1.8	
PEKISKO B TOTAL	1 089.0			163.0	43.5	207.0	151.7	55.3
PRIMARY AREA	220.0	0.15		33.0		33.0		
WATER FLOOD AREA	869.0	0.15	0.05	130.0	43.5	174.0		
PEKISKO C TOTAL	1 511.0			71.7	90.3	162.0	136.2	25.8
PRIMARY AREA	221.0	<0.04		7.2		7.2		
WATER FLOOD AREA	1 290.0	0.05	0.07	64.5	90.3	155.0		
PEKISKO D	91.2	0.07		6.4		6.4	6.4	
PEKISKO E TOTAL	4 116.0			617.0	284.0	901.0	763.6	137.4
PRIMARY AREA	1 281.0	0.15		192.0		192.0		
WATER FLOOD AREA	2 835.0	0.15	0.10	425.0	284.0	709.0		
PEKISKO G	184.0	<0.01		0.2		0.2	0.2	
PEKISKO H	238.0	<0.02		2.7		2.7	2.7	
PEKISKO I	5 720.0	0.30		1 716.0		1 716.0	1 471.8	244.2
PEKISKO K	180.0	0.12		21.6		21.6	20.3	1.3
PEKISKO N	6 750.0	0.15		1 013.0		1 013.0	500.9	512.1
PEKISKO R	1 199.0	0.20		240.0		240.0	197.7	42.3
PEKISKO S	325.0	0.15		48.8		48.8	43.9	4.9
PEKISKO U	710.0	0.05		35.5		35.5	25.0	10.5
PEKISKO V	170.0	0.10		17.0		17.0	10.9	6.1
PEKISKO X	57.3	<0.07		3.7		3.7	3.7	
BANFF A	14.2	<0.01		0.1		0.1	0.1	
NISKU A	287.0	0.35		100.0		100.0	97.0	3.0
D-3 A	600.0	0.40		240.0		240.0	210.7	29.3
D-3 B	502.0	0.10		50.2		50.2	35.9	14.3
D-3 C	152.0	0.22		33.4		33.4	23.2	10.2
D-3 D	723.0	0.18		130.0		130.0	102.6	27.4
D-3 E	112.0	<0.09		9.4		9.4		9.4
COOKING LAKE A	66.5	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	90 876.4			12 957.4	6 782.8	19 740.7	16 607.0	3 133.7
MEEKWAP 066-15W5								
D-2 A TOTAL	12 090.0			2 446.0	3 990.0	6 436.0	6 168.6	267.4
PRIMARY AREA	504.0	0.25		126.0		126.0		
WATER FLOOD AREA	11 590.0	<0.21	0.34	2 320.0	3 990.0	6 310.0		
D-2 E	529.0	0.13		68.8		68.8	64.4	4.4
D-2 F	432.0	<0.07		26.3		26.3	26.3	
D-2 G	121.0	0.20		24.2		24.2	0.2	24.0
FIELD TOTAL	13 172.0			2 565.3	3 990.0	6 555.3	6 259.5	295.8
MELLOWDALE 060-03W5								
LOWER MANNVILLE B	1 473.0	0.07		103.0		103.0	72.8	30.2
FIELD TOTAL	1 473.0			103.0		103.0	72.8	30.2
MICHICHI 031-17W4								
UPPER MANNVILLE A	126.0	<0.01		0.6		0.6	0.6	
UPPER MANNVILLE N	92.6	0.10		9.3		9.3	1.7	7.6
LOWER MANNVILLE A	499.0	0.10		49.9		49.9	32.8	17.1
LOWER MANNVILLE B	270.0	<0.02		3.5		3.5	3.5	
LOWER MANNVILLE I	420.0	0.05		21.0		21.0	15.4	5.6
LOWER MANNVILLE K	54.1	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE M	126.0	<0.01		0.1		0.1	0.1	
OSTRACOD B	220.0	<0.01		0.2		0.2	0.2	
DETRITAL B	41.0	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.60	0.130	0.26	0.77	105	888	69	17 485	-1 336.3	2 308.9	1965	1995-05 ABAND 1994
64	4.20	0.120	0.38	0.77	105	888	69	18 002	-1 320.5	2 302.5	1993	1993-12
32	9.50	0.110	0.25	0.80	74	834	66	16 186	-1 194.0	2 149.0	1989	1993-12 GPP
16	5.40	0.150	0.30	0.80	78	893	70	12 985	-1 204.9	2 156.0	1992	1998-11 GPP
96	3.42	0.210	0.27	0.80	78	892	69	13 674	-1 192.1	2 143.3	1993	1995-07 GPP
16	7.10	0.200	0.25	0.80	83	896	70	15 916	-1 206.5	2 161.6	1994	1998-11 GPP
32	5.10	0.160	0.44	0.77	105	888	69	19 834	-1 208.3	2 133.2	1995	1997-05 GPP
32	7.20	0.110	0.34	0.80	83	890	68	10 932	-1 227.8	2 147.1	1995	1996-12
64	2.10	0.220	0.15	0.79	88	887	69	13 275	-1 199.2	2 131.6	1963	1996-12 ABAND 1990
32	3.80	0.210	0.25	0.80	83	890	68	15 245	-1 212.1	2 146.4	1996	1997-05
16	10.97	0.120	0.20	0.69	155	855	59	16 149	-1 202.9	2 202.6	1972	1992-11 ABAND 1973
284	9.10	0.170	0.26	0.80	74	834	66	15 760	-1 202.3	2 154.7	1962	1998-12 GPP
361	3.99	0.110	0.26	0.82	77	876	49	18 284	-1 336.1	2 316.1	1974	1991-12
32	1.50	0.150	0.20	0.84	74	913	71	22 262	-1 249.3	2 208.0	1995	1995-12 GPP
65	5.18	0.110	0.20	0.75	121	910	77	18 737	-1 348.2	2 290.0	1972	1974-12 ABAND 1981
228					62	898	70	16 335	-1 222.3	2 165.2	1959	1993-11 GPP
32	12.10	0.090	0.20	0.79								
196	5.61	0.119	0.16	0.79								
266					62	898	69	16 141	-1 216.8	2 155.4	1961	1992-12 GPP
32	15.79	0.072	0.22	0.78								
234	12.58	0.072	0.22	0.78								
32	4.88	0.087	0.15	0.79	62	898	68	16 047	-1 215.9	2 152.2	1961	1989-12 GPP
555					75	887	71	16 326	-1 246.1	2 197.1	1963	1996-06 GPP
152	10.13	0.130	0.20	0.80								
403	8.15	0.130	0.17	0.80								
64	7.62	0.060	0.29	0.88	44	972	70	14 143	-1 218.0	2 155.5	1963	1964-12 ABAND 1971
65	13.78	0.050	0.34	0.81	62	904	71	16 101	-1 203.3	2 145.7	1964	1968-03 ABAND 1970
907	11.23	0.090	0.22	0.80	88	898	71	16 051	-1 258.0	2 202.5	1954	1997-10 GPP
65	7.89	0.053	0.18	0.81	62	898	71	15 996	-1 250.9	2 188.5	1965	1987-12 GPP
1 014	8.90	0.110	0.15	0.80	94	844	82	16 131	-1 198.5	2 140.8	1962	1997-07
205	7.72	0.110	0.15	0.81	74	892	73	16 516	-1 225.5	2 149.6	1973	1992-06 GPP
60	6.80	0.120	0.18	0.81	76	896	69	16 414	-1 249.0	2 198.3	1984	1995-04 GPP
64	21.43	0.090	0.29	0.81	74	892	73	14 478	-1 176.3	2 168.7	1984	1988-07 GPP
32	5.50	0.170	0.30	0.81	74	900	73	14 740	-1 257.0	2 205.1	1987	1988-04 GPP
8	8.00	0.140	0.20	0.80	94	844	82			2 165.0	1982	1998-03 ABAND 1984
64	1.10	0.030	0.20	0.84	62	839	67	24 847	-1 404.5	2 338.9	1985	1986-04
37	24.85	0.056	0.13	0.64	160	812	31	24 220	-1 924.5	2 929.0	1985	1992-08 GPP
200	6.96	0.076	0.10	0.63	128	817	88	19 987	-2 107.0	3 106.7	1985	1991-01
128	10.70	0.058	0.11	0.71	125	826	83	19 960	-2 101.1	3 101.0	1985	1991-12 GPP
64	5.70	0.060	0.10	0.77	115	834	85	17 609	-1 953.5	2 895.6	1986	1998-11 GPP
32	37.50	0.086	0.09	0.77	125	821	88	20 223	-2 127.0	3 117.0	1986	1997-12 GPP
64	3.20	0.080	0.11	0.77	170	800	98	19 390	-2 019.5	3 021.4	1987	1996-11 ABAND 1996
64	3.70	0.054	0.35	0.80	100	830	79	17 789	-1 871.0	2 850.2	1988	1993-12 ABAND 1993
2 772					120	844	80	20 812	-1 403.8	2 362.0	1966	1996-05
356	4.37	0.060	0.27	0.74								
2 416	8.97	0.085	0.15	0.74								
414	3.99	0.050	0.21	0.81	82	857	80	21 626	-1 336.6	2 320.6	1972	1994-10 GPP
128	9.31	0.070	0.30	0.74	119	845	80	15 130	-1 449.0	2 370.0	1982	1996-06 GPP
32	11.50	0.060	0.25	0.73	137	864	50			2 356.3	1995	1998-01 GPP
461	3.06	0.200	0.40	0.87	45	892	35	8 346	-433.2	1 113.4	1979	1994-12 GPP
64	2.00	0.180	0.40	0.91	39	866	32	9 655	-384.1	1 296.3	1981	1983-12 ABAND 1992
64	1.20	0.210	0.30	0.82	72	848	47	9 871	-433.1	1 285.1	1989	1993-12
128	3.21	0.240	0.39	0.83	66	859	42	9 619	-444.5	1 358.1	1982	1984-02 GPP
64	5.48	0.160	0.42	0.83	64	854	40	8 098	-416.4	1 317.0	1981	1994-11 GPP
100	3.69	0.190	0.32	0.88	50	883	36	9 132	-422.8	1 313.8	1985	1993-12
16	3.30	0.180	0.33	0.85	62	860	36	9 892	-423.5	1 283.2	1986	1996-06 GPP
64	5.00	0.110	0.57	0.83	69	864	50	8 643	-460.2	1 306.1	1987	1992-10
64	3.00	0.230	0.40	0.83	64	832	44	10 007	-434.9	1 344.0	1983	1988-12
16	2.40	0.180	0.34	0.90	64	878	41	9 517	-429.6	1 333.5	1987	1991-10 ABAND 1989

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
MICHICHI 031-17W4 (CONTINUED)								
DETRITAL C	320.0	<0.01		0.4		0.4	0.4	*
BANFF A	1 163.0	0.11		128.0		128.0	118.7	9.3
BANFF C	559.0	0.05		28.0		28.0	22.1	5.9
BANFF D	2 595.0	0.03		77.9		77.9	53.1	24.8
BANFF E	161.0	<0.02		2.7		2.7	2.7	
BANFF F	310.0	0.04		12.4		12.4	8.6	3.8
BANFF I	87.6	<0.07		5.4		5.4	5.4	
BANFF L	269.0	0.07		18.8		18.8	18.3	0.5
BANFF N	153.0	<0.01		0.1		0.1	0.1	
BANFF O	129.0	<0.01		0.3		0.3	0.3	
BANFF P	30.0	<0.01		0.1		0.1	0.1	
BANFF Q	146.0	<0.01		0.2		0.2	0.2	
BANFF R	255.0	<0.01		0.2		0.2	0.2	
BANFF T	247.0	<0.02		2.7		2.7	2.7	
BANFF W	17.8	0.15		2.7		2.7	0.4	2.3
BANFF X	136.0	<0.01		0.1		0.1	0.1	
BANFF Y	32.7	0.15		4.9		4.9	1.0	3.9
FIELD TOTAL	8 459.8			370.0		370.0	289.2	80.8
MIKWAN 037-23W4								
VIKING C	65.9	<0.03		1.6		1.6	1.6	
VIKING D	17.3	<0.05		0.8		0.8	0.8	
VIKING H	72.6	0.15		10.9		10.9	7.4	3.5
VIKING O	63.2	0.10		6.3		6.3	0.1	6.2
UPPER MANNVILLE F	167.0	0.07		11.7		11.7	9.1	2.6
UPPER MANNVILLE G	193.0	0.06		11.6		11.6	9.5	2.1
UPPER MANNVILLE H	493.0	0.07		34.5		34.5	26.4	8.1
UPPER MANNVILLE S	484.0	0.10		48.4		48.4	42.9	5.5
LOWER MANNVILLE H	63.5	0.10		6.4		6.4	4.8	1.6
LOWER MANNVILLE J	703.0	0.05		35.2		35.2	30.1	5.1
LOWER MANNVILLE W	50.2	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE TT	200.0	0.10		20.0		20.0	3.5	16.5
D-2 A	450.0	0.33		149.0		149.0	138.7	10.3
D-2 B	451.0	0.42		189.0		189.0	181.7	7.3
D-2 C	290.0	0.10		29.0		29.0	19.4	9.6
D-2 D	262.0	0.20		52.4		52.4	35.8	16.6
D-2 E	77.4	<0.03		2.3		2.3	2.3	
D-2 F	149.0	0.15		22.4		22.4	12.8	9.6
D-2 G	30.1	<0.01		0.1		0.1	0.1	
D-2 H	83.3	0.08		6.7		6.7	4.8	1.9
D-2 I	154.0	0.30		46.2		46.2	21.3	24.9
D-2 J	189.0	0.20		37.8		37.8	3.7	34.1
D-3 A	339.0	<0.03		9.0		9.0	9.0	
D-3 B	645.0	0.20		129.0		129.0	120.6	8.4
D-3 C	166.0	<0.01		0.4		0.4	0.4	
D-3 D	107.0	<0.12		12.2		12.2	12.2	
FIELD TOTAL	5 965.5			873.0		873.0	699.1	173.9
MILO 019-23W4								
ELLERSLIE A	82.3	0.07		5.8		5.8	4.8	1.0
ELLERSLIE B	185.0	<0.01		0.7		0.7	0.7	
ELLERSLIE C	280.0	0.15		42.0		42.0	28.6	13.4
ELLERSLIE D	420.0	0.10		42.0		42.0	12.8	29.2
ELLERSLIE E	62.6	0.02		1.3		1.3	0.1	1.2
FIELD TOTAL	1 029.9			91.8		91.8	47.0	44.8
MINEHEAD 048-18W5								
BELLY RIVER A	236.0	<0.01		2.1		2.1	2.1	
CARDIUM A	87.5	0.15		13.1		13.1	8.7	4.4
FIELD TOTAL	323.5			15.2		15.2	10.8	4.4
MINNEHIK-BUCK LAKE 045-05W5								
BELLY RIVER A	215.0	0.10		21.5		21.5	12.0	9.5
BELLY RIVER B	59.4	<0.09		5.2		5.2	5.2	
BELLY RIVER C	335.0	0.10		33.5		33.5	27.6	5.9
BELLY RIVER E	125.0	0.10		12.5		12.5	12.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	6.00	0.170	0.41	0.83	64	845	47	8 489	-397.7	1 280.3	1987	1988-04 ABAND 1989
548	9.00	0.040	0.29	0.83	61	854	40	9 585	-415.3	1 335.3	1985	1997-12 GPP
192	12.44	0.040	0.32	0.86	55	880	45	9 466	-457.3	1 359.3	1982	1990-12 GPP
641	12.00	0.063	0.37	0.85	61	875	42	9 675	-439.4	1 324.8	1985	1991-12 GPP
32	4.00	0.200	0.27	0.86	55	860	40	9 640	-435.6	1 333.4	1986	1994-11 ABAND 1993
100	11.70	0.060	0.52	0.92	28	880	42	9 532	-415.2	1 306.2	1986	1998-11 GPP
64	5.50	0.050	0.40	0.83	70	862	40	9 199	-423.4	1 324.9	1984	1994-11 ABAND 1991
64	19.50	0.040	0.35	0.83	64	860	47	9 135	-458.6	1 350.5	1986	1993-07 GPP
64	9.70	0.048	0.38	0.83	64	875	47	9 932	-473.1	1 367.2	1987	1987-05 ABAND 1987
16	19.00	0.060	0.17	0.85	50	870	35	9 199	-466.9	1 359.7	1987	1992-11 ABAND 1989
64	2.30	0.030	0.20	0.85	50	870	35	8 995	-448.2	1 367.4	1987	1989-12 ABAND 1995
64	12.90	0.040	0.48	0.85	61	870	42	9 120	-465.8	1 351.0	1986	1988-12
64	15.00	0.040	0.22	0.85	61	849	42	9 083	-421.9	1 327.4	1987	1988-01 ABAND 1990
64	11.20	0.050	0.17	0.83	64	845	47	9 006	-392.8	1 443.7	1988	1993-10 ABAND 1993
64	1.60	0.030	0.30	0.83	64	845	47	8 611	-399.3	1 303.9	1987	1989-09 GPP
64	6.50	0.050	0.21	0.83	64	845	47	8 511	-389.5	1 418.7	1987	1990-06 ABAND 1989
64	3.00	0.050	0.59	0.83	64	844	47	9 141	-459.3	1 353.5	1995	1996-11
64	2.00	0.090	0.35	0.88	44	839	53	6 776	-509.3	1 380.0	1980	1992-09 ABAND 1992
64	0.92	0.070	0.50	0.84	69	839	42	6 803	-512.9	1 448.3	1977	1978-10 ABAND 1985
64	1.30	0.140	0.30	0.89	60	852	47	8 733	-460.0	1 352.7	1986	1989-12 GPP
16	7.30	0.110	0.40	0.82	67	832	51			1 524.5	1997	1997-11 GPP
16	7.34	0.180	0.11	0.89	40	892	50	8 514	-717.8	1 648.5	1962	1995-12 GPP
64	2.30	0.220	0.30	0.85	59	819	46	9 393	-629.5	1 488.3	1980	1998-12 GPP
192	2.46	0.170	0.31	0.89	40	901	43	9 267	-630.1	1 473.2	1980	1998-02 GPP
64	7.04	0.160	0.27	0.92	35	875	34	8 036	-678.5	1 591.5	1992	1993-08 GPP
64	1.00	0.170	0.27	0.80	110	797	44	8 993	-651.3	1 544.7	1980	1984-05 GPP
128	5.50	0.150	0.26	0.90	35	873	47	8 648	-608.3	1 520.9	1981	1996-08 GPP
64	1.50	0.140	0.55	0.83	62	875	48	9 372	-652.4	1 574.8	1987	1988-01 ABAND 1988
32	4.40	0.190	0.15	0.88	47	862	51		-610.4	1 502.8	1996	1997-07 GPP
320	3.29	0.090	0.35	0.73	124	844	64	15 469	-959.7	1 822.2	1970	1997-12 GPP
128	6.29	0.097	0.22	0.74	100	833	64	14 102	-945.6	1 790.0	1979	1997-12 GPP
128	6.01	0.067	0.25	0.75	110	830	62	13 695	-934.9	1 754.3	1978	1985-12 GPP
64	7.30	0.090	0.17	0.75	105	822	47	13 391	-956.8	1 733.0	1983	1984-12 GPP
32	6.40	0.080	0.37	0.75	100	838	57	12 947	-963.3	1 815.0	1985	1991-05 ABAND 1991
128	3.30	0.055	0.22	0.82	70	860	54	13 524	-970.7	1 813.3	1985	1997-09 GPP
64	1.20	0.060	0.13	0.75	80	901	74	15 779	-1 069.3	1 995.2	1984	1988-12
32	7.51	0.060	0.23	0.75	100	838	66	15 880	-1 018.6	1 879.1	1993	1996-08
64	6.20	0.060	0.22	0.83	52	840	71	15 419	-953.0	1 821.3	1994	1995-04
64	5.00	0.080	0.12	0.84	59	859	62	13 047	-989.5	1 857.5	1996	1997-03 GPP
224	2.99	0.090	0.25	0.75	106	865	63	15 715	-998.0	1 858.0	1970	1988-12 ABAND 1982
64	13.00	0.120	0.15	0.76	100	852	76	13 857	-977.3	1 818.3	1979	1980-01 GPP
64	3.60	0.120	0.25	0.80	100	877	61	13 899	-1 021.7	1 894.5	1985	1986-03 ABAND 1987
32	7.30	0.080	0.30	0.82	79	867	62	13 093	-956.1	1 762.4	1984	1996-06 ABAND 1993
32	3.61	0.130	0.34	0.83	83	839	45	13 589	-657.9	1 686.1	1990	1997-12 GPP
64	5.80	0.120	0.50	0.83	83	839	45	14 608	-636.8	1 692.0	1982	1990-12 ABAND 1989
64	3.70	0.180	0.20	0.82	79	861	45	13 317	-605.4	1 598.2	1994	1997-12 GPP
64	8.66	0.140	0.34	0.82	79	861	45	13 467	-629.3	1 626.1	1994	1996-03 GPP
32	3.20	0.140	0.48	0.84	74	883	40			1 618.9	1996	1997-06
64	7.40	0.100	0.40	0.83	62	828	76	10 577	-917.5	1 966.6	1986	1992-10
16	6.70	0.160	0.15	0.60	210	816	74	25 080	-1 483.8	2 562.8	1968	1997-05 GPP
65	3.66	0.160	0.32	0.83	74	825	46	9 615	-287.8	1 191.8	1973	1978-10 GPP
16	5.60	0.150	0.48	0.85	67	845	46	9 075	-299.5	1 205.7	1980	1996-06
64	6.44	0.140	0.30	0.83	74	845	46	9 378	-334.6	1 255.0	1981	1990-12 GPP
32	5.00	0.157	0.40	0.83	74	844	50	7 454	-248.6	1 173.8	1981	1998-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
		frac	frac	103m3	103m3	103m3		
MINNEHIK-BUCK LAKE								
045-05W5 (CONTINUED)								
BELLY RIVER F	777.0	0.10		77.7		77.7	41.9	* 35.8
BELLY RIVER G	176.0	<0.03		3.7		3.7	3.7	
BELLY RIVER J	182.0	<0.02		3.1		3.1	3.1	
BELLY RIVER K	102.0	<0.01		0.1		0.1	0.1	
BELLY RIVER L	31.9	<0.01		0.3		0.3	0.3	
BELLY RIVER M	108.0	0.10		10.8		10.8	4.1	6.7
CARDIUM A	181.0	0.10		18.1		18.1	16.0	2.1
CARDIUM E	79.8	0.10		8.0		8.0	2.4	5.6
CARDIUM J	5 668.0	<0.05		240.0		240.0	228.2	11.8
CARDIUM L	627.0	0.05		31.4		31.4	24.5	6.9
CARDIUM O	55.6	<0.01		0.1		0.1	0.1	
CARDIUM P	63.5	0.05		3.2		3.2	0.8	2.4
CARDIUM Q	212.0	0.03		6.4		6.4	0.7	5.7
CARDIUM R	100.0	0.05		5.0		5.0	2.5	2.5
CARDIUM S	25.2	0.15		3.8		3.8	2.7	1.1
CARDIUM T	28.4	0.20		5.7		5.7	1.0	4.7
VIKING A	265.0	<0.01		0.7		0.7	0.7	
VIKING C	347.0	0.10		34.7		34.7	25.2	9.5
VIKING D	124.0	<0.01		0.7		0.7	0.7	
VIKING E	42.2	0.20		8.4		8.4	8.2	0.2
VIKING F	42.6	<0.09		3.8		3.8	3.8	
VIKING H	292.0	0.15		43.8		43.8	40.7	3.1
VIKING I	64.9	0.25		16.2		16.2	13.7	2.5
VIKING J	60.0	<0.10		5.7		5.7	5.7	
VIKING K	60.0	0.25		15.0		15.0	11.3	3.7
OSTRACOD A	881.0	0.25		220.0		220.0	182.2	37.8
OSTRACOD B	125.0	0.20		25.0		25.0	15.9	9.1
OSTRACOD G	180.0	<0.15		25.3		25.3	25.3	
OSTRACOD H	78.9	0.15		11.8		11.8	9.6	2.2
OSTRACOD I	153.0	<0.12		18.1		18.1	18.1	
OSTRACOD J	11.4	<0.01		0.1		0.1	0.1	
OSTRACOD E & F	67.9	0.04		2.7		2.7	2.4	0.3
JURASSIC B	82.8	0.05		4.1		4.1	1.7	2.4
BANFF A	198.0	<0.01		0.1		0.1	0.1	
D-2 A	273.0	<0.01		1.1		1.1	1.1	
FIELD TOTAL	12 500.5			927.4		927.4	755.9	171.5
MIRAGE 079-07W6								
DOE CREEK A	162.0	<0.01		0.4		0.4	0.4	
DOE CREEK B	119.0	<0.01		0.1		0.1		0.1
HALFWAY B TOTAL	1 025.0			198.0	146.0	344.0	178.8	165.2
PRIMARY AREA	49.9	0.05		2.5		2.5		
WATER FLOOD AREA	975.0	0.20	0.15	195.0	146.0	341.0		
HALFWAY D	836.0	0.20		167.0		167.0	123.2	43.8
FIELD TOTAL	2 142.0			365.5	146.0	511.5	302.4	209.1
MITSUE 071-04W5								
GILWOOD A TOTAL	123 000.0			30 280.0	31 060.0	61 340.0	58 104.2	3 235.8
PRIMARY AREA	5 061.0	0.16		810.0		810.0		
SOLVENT FLOOD AREA	60 000.0	0.25	0.37	15 000.0	22 000.0	37 000.0		
WATER FLOOD AREA	57 890.0	0.25	0.16	14 470.0	9 060.0	23 530.0		
GILWOOD B	344.0	0.30		103.0		103.0	88.2	14.8
GILWOOD F	81.5	<0.02		1.4		1.4	1.4	
FIELD TOTAL	123 425.5			30 384.4	31 060.0	61 444.4	58 193.8	3 250.6
MONITOR 035-03W4								
UPPER MANNVILLE F	118.0	0.15		17.7		17.7	2.1	15.6
FIELD TOTAL	118.0			17.7		17.7	2.1	15.6
MONTGOMERY 011-28W4								
SECOND WHITE	1 500.0	<0.15		214.0		214.0	214.0	
SPECKS A								
SECOND WHITE	338.0	<0.02		6.2		6.2	6.2	
SPECKS B								
FIELD TOTAL	1 838.0			220.2		220.2	220.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
192	5.60	0.130	0.33	0.83	65	848	52	9 263	-308.3	1 226.1	1982	1998-10 GPP
16	13.00	0.150	0.32	0.83	65	848	52	9 470	-268.2	1 178.2	1983	1996-07 GPP
64	4.00	0.130	0.34	0.83	65	848	52	10 551	-299.4	1 212.8	1982	1994-11 ABAND 1990
64	3.93	0.140	0.65	0.83	65	848	52	10 206	-288.1	1 289.9	1984	1985-10 ABAND 1985
16	4.10	0.130	0.55	0.83	66	805	58	9 707	-295.0	1 192.4	1990	1996-07 ABAND 1993
32	4.80	0.160	0.47	0.83	65	848	52	7 093	-216.4	1 126.4	1983	1994-08 GPP
130	2.13	0.110	0.15	0.70	96	815	49	11 433	-704.7	1 718.2	1960	1993-12 GPP
64	2.22	0.090	0.20	0.78	96	830	49	11 454	-697.2	1 718.8	1978	1998-12 GPP
3 314	2.16	0.115	0.15	0.81	125	830	56	16 764	-653.2	1 571.4	1979	1994-12 GPP
506	1.30	0.140	0.18	0.83	65	805	58	15 826	-651.3	1 660.7	1979	1986-12 GPP
64	1.50	0.130	0.45	0.81	125	830	56	10 879	-616.0	1 617.8	1984	1985-10 ABAND 1985
64	1.55	0.100	0.20	0.80	125	830	56	10 899	-619.2	1 516.1	1985	1993-12 GPP
128	2.00	0.120	0.15	0.81	125	830	56	10 296	-690.2	1 676.3	1978	1989-12 GPP
64	1.87	0.120	0.15	0.82	71	842	53	10 634	-644.3	1 585.5	1985	1994-04 GPP
64	1.00	0.060	0.20	0.82	71	842	53	16 972	-610.7	1 601.5	1994	1995-07 GPP
64	0.74	0.130	0.40	0.77	101	854	74	17 087	-626.4	1 641.0	1996	1997-01 GPP
65	4.88	0.160	0.30	0.75	105	838	88	14 675	-913.4	1 804.3	1953	1966-11 ABAND 1973
507	1.52	0.080	0.33	0.84	156	827	72	19 078	-891.4	1 868.8	1981	1993-12 GPP
64	4.00	0.090	0.36	0.84	54	827	72	15 989	-813.7	1 771.3	19	1994-11 ABAND 1992
64	1.10	0.100	0.25	0.80	149	855	82	16 775	-922.0	1 843.9	1983	1988-12 GPP
128	1.00	0.070	0.30	0.68	149	821	83	16 837	-926.4	1 882.7	1984	1994-01 ABAND 1993
1 000	0.62	0.080	0.30	0.84	56	827	72	14 638	-888.3	1 896.0	1984	1996-08 GPP
80	1.76	0.090	0.36	0.80	74	813	60	13 952	-877.5	1 878.7	1985	1997-12 GPP
117	1.20	0.090	0.30	0.68	149	825	82	14 155	-890.0	1 935.5	1986	1994-11 ABAND 1993
200	0.90	0.063	0.34	0.80	91	832	74	12 122	-876.7	1 890.7	1988	1990-12 GPP
996	1.23	0.130	0.21	0.70	160	827	60	18 883	-1 073.6	2 054.3	1980	1991-12 GPP
121	1.54	0.120	0.20	0.70	132	817	72	18 462	-1 071.7	2 058.5	1981	1991-12 GPP
259	1.04	0.130	0.21	0.65	174	812	80	19 515	-1 113.4	2 119.9	1985	1996-07 GPP
64	1.50	0.145	0.19	0.70	174	820	80	18 959	-1 084.8	2 074.6	1986	1986-06 GPP
128	1.66	0.130	0.15	0.65	174	812	80	18 297	-1 096.0	2 102.5	1987	1996-07 GPP
16	2.02	0.080	0.32	0.65	174	813	80	19 846	-1 166.2	2 184.9	1988	1996-07 GPP
32	3.58	0.116	0.27	0.70	174	812	80	19 171	-1 116.2	2 136.0	1984	1998-12 GPP
64	2.00	0.120	0.23	0.70	145	856	70	14 992	-1 148.4	2 170.2	1985	1985-09 GPP
64	7.40	0.078	0.33	0.80	88	879	54	14 279	-1 088.7	2 102.5	1985	1986-05 ABAND 1987
64	24.99	0.043	0.35	0.61	195	801	78	17 402	-1 111.6	2 110.7	1975	1981-12 ABAND 1985
64	1.50	0.290	0.36	0.91	25	844	30	1 442	420.2	248.8	1988	1992-01 ABAND 1991
64	1.18	0.270	0.36	0.91	25	844	30	1 540	424.0	226.6	1989	1989-10 ABAND 1989
517					91	825	58	13 038	-738.5	1 397.5	1988	1995-09 GPP
57	1.00	0.150	0.27	0.80								
460	2.42	0.150	0.27	0.80								
435	2.54	0.110	0.14	0.80	91	825	58	13 038	-738.1	1 386.8	1988	1995-08 GPP
51 296					103	811	60	18 149	-1 063.8	1 705.9	1964	1992-12
4 608	2.00	0.110	0.36	0.78								
16 999	4.91	0.144	0.36	0.78								GPP
29 689	3.15	0.124	0.36	0.78								GPP
192	3.03	0.118	0.35	0.77	103	817	63	15 791	-1 089.7	1 718.1	1987	1995-12 GPP
64	2.32	0.110	0.36	0.78	103	810	60	17 634	-1 090.2	1 677.2	1968	1996-12 ABAND 1970
32	1.90	0.290	0.29	0.94	61	896	30		-105.6	868.3	1994	1998-09 GPP
138	9.31	0.200	0.20	0.73	144	805	87	33 064	-1 443.3	2 557.0	1968	1996-02 ABAND 1995
16	18.06	0.200	0.20	0.73	144	821	75	20 427	-1 329.0	2 399.5	1979	1992-11 ABAND 1997

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
MOONEY 072-07W5 GILWOOD A	73.7	0.30		22.1		22.1	7.1	15.0
FIELD TOTAL *	73.7			22.1		22.1	7.1	15.0
MORINVILLE 055-25W4								
UPPER MANNVILLE F	378.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE H	87.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE A	199.0	<0.16		30.5		30.5	29.3	1.2
LOWER MANNVILLE F	120.0	<0.04		3.9		3.9	3.9	
LOWER MANNVILLE L	226.0	<0.03		6.7		6.7	6.7	
LOWER MANNVILLE O	49.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE U	219.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE II	68.0	0.10		6.8		6.8	1.3	5.5
LOWER MANNVILLE JU	141.0	0.10		14.1		14.1	1.6	12.5
LOWER MANNVILLE	165.0	0.05		8.3		8.3	2.9	5.4
Z & GG								
D-1 A	56.1	<0.13		7.2		7.2	7.2	
D-1 B	385.0	0.20		77.0		77.0	47.0	30.0
D-1 C	69.6	0.10		7.0		7.0	2.7	4.3
D-3 A	147.0	<0.24		34.8		34.8	34.8	
D-3 B	3 318.0	<0.55		1 820.0		1 820.0	1 697.4	122.6
D-3 C	1 088.0	0.10		109.0		109.0	89.1	19.9
D-3 E	1 002.0	0.24		240.0		240.0	204.2	35.8
D-3 G	253.0	0.05		12.7		12.7	4.5	8.2
D-3 H	173.0	0.35		60.6		60.6	37.7	22.9
D-3 I	213.0	0.30		63.9		63.9	12.9	51.0
D-3 J	376.0	0.20		75.2		75.2	15.0	60.2
D-3 K	559.0	0.20		112.0		112.0	35.9	76.1
D-3 L	206.0	0.25		51.5		51.5	4.2	47.3
D-3 M	53.2	0.10		5.3		5.3	0.4	4.9
D-3 O	19.1	0.25		4.8		4.8	1.0	3.8
FIELD TOTAL	9 570.7			2 751.9		2 751.9	2 240.3	511.6
MORNINGSIDE 042-28W4								
VIKING A	103.0	<0.03		2.8		2.8	2.8	
GLAUCONITIC G	97.0	0.10		9.7		9.7	5.7	4.0
GLAUCONITIC H	188.0	0.10		18.8		18.8	7.7	11.1
OSTRACOD A	24.2	<0.04		0.9		0.9	0.9	
OSTRACOD B	77.4	<0.08		5.7		5.7	5.7	
ELLERSLIE A	75.4	0.25		18.9		18.9	14.3	4.6
ELLERSLIE B	25.5	<0.01		0.1		0.1	0.1	
ELLERSLIE G	159.0	<0.02		1.7		1.7	1.7	
ELLERSLIE N	142.0	0.05		7.1		7.1	5.9	1.2
FIELD TOTAL	891.5			65.7		65.7	44.8	20.9
MOSSLEIGH 021-24W4								
GLAUCONITIC A	218.0	0.25		54.5		54.5	35.4	19.1
GLAUCONITIC B	46.6	0.25		11.7		11.7	1.7	10.0
LOWER MANNVILLE C	185.0	0.10		18.5		18.5	7.4	11.1
LOWER MANNVILLE D	90.7	0.10		9.1		9.1	1.8	7.3
FIELD TOTAL	540.3			93.8		93.8	46.3	47.5
MULLIGAN 082-08W6								
CHARLIE LAKE A	253.0	0.10		25.3		25.3	20.4	4.9
CHARLIE LAKE B	219.0	0.20		43.8		43.8	32.5	11.3
CHARLIE LAKE C	281.0	0.20		56.2		56.2	30.8	25.4
CHARLIE LAKE D	186.0	0.15		27.9		27.9	4.3	23.6
HALFWAY A	712.0	0.03		21.4		21.4	13.7	7.7
FIELD TOTAL	1 651.0			174.6		174.6	101.7	72.9
MUSREAU 062-06W6								
CARDIUM A	89.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	89.0			0.3		0.3	0.3	
NELSON 043-26W4								
BELLY RIVER B	88.1	0.10		8.8		8.8	1.4	7.4
VIKING A	1 600.0	0.10		160.0		160.0	139.6	20.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.50	0.120	0.52	0.80	137	829	60	19 077	-1 190.4	2 051.5	1994	1996-03
16	20.30	0.190	0.32	0.90	40	966	40	8 263	-315.2	1 020.2	1987	1988-03 ABAND 1989
32	2.70	0.210	0.48	0.93	28	859	32	7 629	-309.5	1 012.2	1988	1995-10 ABAND 1995
100	1.52	0.220	0.30	0.85	41	876	46	7 860	-280.4	978.9	1952	1994-11 GPP
57	1.83	0.170	0.25	0.90	62	876	47	8 804	-454.5	1 148.8	1951	1996-07 GPP
93	2.59	0.220	0.52	0.89	50	887	44	9 753	-569.3	1 245.0	1965	1984-12 ABAND 1989
64	1.00	0.170	0.50	0.90	33	871	43	6 774	-461.5	1 155.0	1983	1984-01 ABAND 1984
64	3.90	0.210	0.52	0.87	50	875	46	8 854	-391.0	1 087.5	1987	1988-01 ABAND 1988
16	3.00	0.200	0.23	0.92	31	872	64			1 119.4	1997	1998-12 GPP
64	1.60	0.210	0.30	0.94	21	889	38		-383.5	1 078.7	1997	1998-10
32	4.00	0.200	0.29	0.91	15	858	33	7 245	-404.9	1 097.0	1989	1994-01 GPP
130	2.74	0.030	0.30	0.75	53	839	48	8 222	-461.8	1 161.6	1953	1964-12 ABAND 1960
316	2.47	0.100	0.42	0.85	62	822	35	8 215	-444.9	1 142.2	1986	1990-06 GPP
32	5.20	0.080	0.37	0.83	64	838	38	7 696	-453.0	1 121.1	1987	1993-02 GPP
32	8.00	0.090	0.15	0.75	62	849	56	10 726	-696.5	1 397.2	1955	1994-11 GPP
345	14.80	0.085	0.09	0.84	60	844	60	12 715	-922.3	1 607.4	1960	1988-07 GPP
300	4.51	0.110	0.13	0.84	62	849	52	10 568	-675.9	1 380.2	1963	1990-12 GPP
202	5.90	0.130	0.23	0.84	59	890	61	10 366	-661.6	1 370.4	1982	1994-12 GPP
64	5.10	0.100	0.14	0.90	45	949	51	10 486	-629.7	1 332.7	1985	1985-12 GPP
74	3.34	0.110	0.15	0.75	62	900	58	10 551	-677.3	1 380.7	1994	1995-10 GPP
64	5.70	0.080	0.12	0.83	60	843	61	12 788	-937.9	1 632.2	1995	1996-02
128	4.66	0.100	0.24	0.83	60	843	61	13 049	-946.0	1 629.6	1995	1996-12 GPP
32	39.00	0.060	0.10	0.83	73	850	60	12 345	-907.0	1 595.5	1996	1996-12 GPP
32	6.40	0.150	0.16	0.80	73	855	57		-679.2	1 382.8	1997	1998-02
16	4.00	0.130	0.23	0.83	60	842	61			1 385.0	1997	1998-10 GPP
32	1.50	0.060	0.20	0.83	60	843	61		-941.7	1 630.9	1997	1998-10 GPP
128	0.80	0.170	0.30	0.85	46	836	57	14 107	-696.3	1 648.3	1980	1996-07 GPP
32	3.90	0.120	0.20	0.81	77	887	69	14 312	-866.1	1 830.7	1995	1996-08 GPP
64	3.44	0.130	0.19	0.81	77	887	69	15 235	-877.1	1 828.6	1996	1997-01 GPP
32	1.00	0.120	0.25	0.84	58	918	63	13 211	-865.1	1 790.5	1984	1988-08 ABAND 1990
64	2.16	0.100	0.30	0.80	69	885	57	13 899	-877.2	1 802.6	1974	1990-12 ABAND 1992
83	0.92	0.140	0.16	0.84	58	917	63	15 752	-911.1	1 867.0	1988	1996-11 GPP
64	0.80	0.080	0.26	0.84	58	886	62	17 272	-895.4	1 832.4	1988	1989-06 ABAND 1989
128	1.99	0.120	0.35	0.80	58	855	72	15 867	-869.2	1 789.6	1993	1996-07 ABAND 1998
67	2.15	0.140	0.15	0.83	160	912	63	15 856	-922.8	1 840.6	1995	1998-12 GPP
35	5.10	0.210	0.30	0.83	79	848	49		-659.2	1 563.1	1996	1998-08
16	2.20	0.210	0.24	0.83	98	813	42			1 566.5	1996	1998-08
16	11.00	0.160	0.20	0.82	83	839	45	14 067	-733.4	1 685.5	1994	1998-12 GPP
64	1.50	0.180	0.36	0.82	76	856	59	13 270	-679.2	1 617.3	1996	1996-07 GPP
128	2.70	0.120	0.23	0.79	92	846	47	10 983	+505.7	1 171.1	1982	1989-09 GPP
64	2.45	0.210	0.18	0.81	95	823	41	11 243	-541.6	1 183.0	1989	1998-12 GPP
128	3.02	0.110	0.25	0.88	45	900	41	10 859	-516.3	1 205.7	1983	1996-12 GPP
64	3.80	0.110	0.20	0.87	57	880	46			1 169.5	1989	1998-07 GPP
256	4.67	0.108	0.31	0.80	79	844	50	14 173	-573.3	1 298.3	1979	1996-08 GPP
64	5.72	0.080	0.24	0.40	464	778	82	21 334	-848.3	2 014.3	1980	1996-01 ABAND 1995
16	3.50	0.240	0.31	0.95	20	848	30	4 394	81.1	736.5	1991	1995-08
936	2.61	0.120	0.40	0.91	54	841	59	7 430	-556.9	1 414.5	1985	1989-07 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
NELSON 043-26W4 (CONTINUED)								
UPPER MANNVILLE E	135.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE F	40.8	0.10		4.1		4.1	0.5	3.6
LOWER MANNVILLE A	66.5	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE B	429.0	0.03		12.9		12.9	10.5	2.4
LOWER MANNVILLE F	70.8	0.03		2.1		2.1	2.1	
FIELD TOTAL	2 430.2			189.3		189.3	155.5	33.8
NEVIS 039-22W4								
BLAIRMORE B	307.0	<0.01		0.3		0.3	0.3	
BLAIRMORE C	1 600.0	0.18		288.0		288.0	267.6	20.4
BLAIRMORE D	126.0	<0.02		2.4		2.4	2.4	
BLAIRMORE F	216.0	0.10		21.6		21.6	12.5	9.1
BLAIRMORE H	144.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE A	2 322.0	0.16		372.0		372.0	306.6	65.4
UPPER MANNVILLE H	779.0	0.10		77.9		77.9	59.7	18.2
LOWER MANNVILLE A	62.7	<0.01		0.5		0.5	0.5	
DEVONIAN & D-2C	429.0	<0.04		14.2		14.2	14.2	
D-1 A	28.1	<0.03		0.8		0.8	0.8	
D-2 A	274.0	<0.02		3.1		3.1	3.1	
D-2 B	198.0	0.05		9.9		9.9	0.7	9.2
D-3 B	238.0	<0.16		36.4		36.4	36.4	
D-3 C	220.0	<0.22		47.4		47.4	47.4	
D-3 D	192.0	<0.13		23.6		23.6	23.6	
D-3 E	1 272.0	0.15		191.0		191.0	171.4	19.6
D-3 F	400.0	<0.03		11.1		11.1	11.1	
D-3 G	240.0	0.30		72.0		72.0	65.6	6.4
D-3 H	75.7	<0.01		0.4		0.4	0.4	
D-3 I	120.0	0.10		12.0		12.0	0.1	11.9
FIELD TOTAL	9 243.5			1 184.7		1 184.7	1 024.5	160.2
NEW NORWAY 044-22W4								
ELLERSLIE A	1 626.0	0.20		325.0		325.0	253.5	71.5
ELLERSLIE G	163.0	<0.01		0.8		0.8	0.8	
ELLERSLIE C & J	158.0	0.15		23.7		23.7	2.9	20.8
D-1 A	142.0	0.10		14.2		14.2	6.6	7.6
D-2	2 154.0	0.62		1 335.0		1 335.0	1 303.6	31.4
D-3	318.0	<0.58		181.6		181.6	181.6	
FIELD TOTAL	4 561.0			1 880.3		1 880.3	1 749.0	131.3
NEWBROOK 062-20W4								
UPPER MANNVILLE N	121.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	121.0			0.1		0.1	0.1	
NINASTOKO 005-25W4								
RUNDLE A	87.0	0.35		30.5		30.5	18.1	12.4
BANFF A	84.8	<0.02		0.9		0.9	0.9	
FIELD TOTAL	171.8			31.4		31.4	19.0	12.4
NIOBE 035-27W4								
PEKISKO A	89.4	<0.01		0.7		0.7	0.7	
FIELD TOTAL	89.4			0.7		0.7	0.7	
NIPISI 079-08W5								
SLAVE POINT A	353.0	0.10		35.3		35.3	17.3	18.0
SLAVE POINT B	395.0	<0.01		1.1		1.1	1.1	
SLAVE POINT C	109.0	0.08		8.7		8.7	7.9	0.8
SLAVE POINT D	134.0	0.15		20.1		20.1	13.6	6.5
SLAVE POINT E	40.7	0.15		6.1		6.1	4.9	1.2
GILWOOD A TOTAL	122 500.0			31 940.0	25 600.0	57 540.0	52 966.0	4 574.0
PRIMARY AREA	10 380.0	0.27		2 803.0		2 803.0		
SOLVENT FLOOD AREA	72 700.0	<0.27	0.28	18 900.0	20 670.0	39 570.0		
WATER FLOOD AREA	39 400.0	0.26	0.12	10 240.0	4 926.0	15 170.0		
GILWOOD C	4 191.0	0.20		838.0		838.0	694.6	143.4
GILWOOD E	135.0	0.20		27.0		27.0	23.3	3.7
GILWOOD G	148.0	<0.14		19.6		19.6	19.6	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	7.10	0.170	0.17	0.84	58	889	63	10 618	-663.5	1 480.9	1991	1997-06
32	1.40	0.160	0.36	0.89	42	910	61			1 502.3	1988	1998-04 GPP
16	3.60	0.170	0.30	0.97	25	912	52	11 398	-701.4	1 541.8	1988	1996-07
64	6.47	0.170	0.30	0.87	57	895	47	10 948	-678.6	1 515.0	1972	1997-12 GPP
32	2.50	0.160	0.30	0.79	89	801	62		-676.0	1 498.8	1996	1998-12 ABAND 1998
65	3.35	0.220	0.20	0.80	89	881	49	9 412	-582.0	1 404.4	1967	1974-04 ABAND 1974
792	1.61	0.180	0.18	0.85	53	893	57	10 129	-577.0	1 386.8	1959	1993-12 GPP
64	2.44	0.130	0.30	0.88	51	870	38	9 538	-596.6	1 477.8	1977	1982-12
128	2.40	0.135	0.35	0.80	70	886	57	11 192	-592.7	1 418.7	1982	1997-01 GPP
64	3.00	0.170	0.45	0.80	66	878	54	10 225	-606.6	1 405.8	1959	1988-12 ABAND 1994
1 642	1.62	0.160	0.38	0.88	48	915	62	10 446	-609.2	1 426.7	1977	1996-09 GPP
294	1.69	0.210	0.17	0.90	32	888	54	10 473	-548.0	1 338.5	1991	1994-02 GPP
64	1.20	0.170	0.40	0.80	64	893	54	11 098	-601.7	1 404.6	1981	1984-06 ABAND 1985
199	4.82	0.080	0.20	0.70	120	834	58	16 185	-893.0	1 722.4	1952	1993-06 ABAND 1974
64	1.30	0.060	0.26	0.76	50	897	45	10 045	-686.5	1 520.4	1952	1992-10 ABAND 1993
128	4.20	0.085	0.20	0.75	86	826	58	12 273	-934.6	1 735.4	1986	1990-12
64	9.50	0.080	0.40	0.68	148	823	59	12 194	-882.5	1 735.3	1985	1989-09 GPP
7	56.15	0.087	0.20	0.87	53	870	43	16 952	-1 030.0	1 856.5	1968	1996-07 ABAND 1995
6	65.87	0.080	0.20	0.87	40	870	64	16 921	-970.3	1 788.1	1967	1989-12 ABAND 1998
14	31.80	0.065	0.20	0.83	64	876	64	15 908	-996.2	1 821.0	1969	1996-07 GPP
34	45.81	0.120	0.17	0.82	79	887	38	16 175	-996.1	1 832.5	1970	1984-12 GPP
64	11.80	0.076	0.15	0.82	74	887	38	14 791	-922.9	1 755.6	1970	1988-12 ABAND 1982
20	25.30	0.075	0.23	0.82	79	887	62	14 220	-1 036.7	1 894.0	1984	1987-11 GPP
16	9.50	0.080	0.25	0.83	64	874	64	12 511	-899.1	1 689.3	1988	1992-10 ABAND 1989
16	16.00	0.070	0.18	0.82	79	887	62			1 703.0	1996	1997-09
259	4.90	0.220	0.29	0.82	72	832	50	9 740	-583.0	1 357.1	1966	1996-06 GPP
64	2.50	0.220	0.40	0.77	71	837	44	9 502	-579.0	1 336.8	1980	1984-12 ABAND 1983
32	5.50	0.240	0.50	0.75	80	825	56	10 229	-588.6	1 393.6	1953	1997-11
64	4.50	0.080	0.19	0.76	100	854	50	9 981	-616.9	1 393.8	1951	1992-06 GPP
197	18.70	0.085	0.14	0.80	82	825	54	10 574	-636.3	1 399.5	1951	1998-12 GPP
77	15.03	0.044	0.20	0.78	84	839	58	14 016	-726.6	1 491.3	1951	1993-02 ABAND 1992
16	3.30	0.300	0.22	0.98	7	990	32	4 359	95.8	574.0	1988	1988-10 ABAND 1990
64	2.50	0.080	0.20	0.85	62	835	57	18 799	-1 133.0	2 189.1	1982	1997-12 GPP
16	29.70	0.030	0.30	0.85	55	870	50	25 244	-1 347.2	2 405.3	1982	1992-11 ABAND 1992
64	5.00	0.050	0.31	0.81	79	866	73	11 840	-993.4	1 999.3	1994	1995-04 ABAND 1995
128	6.30	0.085	0.44	0.92	16	830	54	17 170	-1 022.6	1 674.9	1982	1985-04 GPP
64	12.31	0.082	0.32	0.90	24	840	67	16 755	-1 105.4	1 827.1	1984	1988-12
16	12.64	0.090	0.35	0.92	18	860	66	17 063	-1 099.8	1 813.7	1985	1998-12 GPP
64	5.50	0.065	0.35	0.90	32	837	51	15 892	-1 071.5	1 725.3	1973	1984-02 GPP
16	7.60	0.062	0.40	0.90	31	845	52	16 079	-1 100.5	1 837.9	1984	1992-06 GPP
34 770	2.68	0.130	0.34	0.83	65	820	49	17 994	-1 054.6	1 711.8	1965	1997-12 GPP
5 437	6.90	0.155	0.32	0.83								
12 044	3.30	0.130	0.36	0.83								
17 289	3.53	0.120	0.35	0.83	56	820	62	18 395	-1 095.2	1 788.7	1969	1993-12 GPP
1 834	3.28	0.126	0.38	0.82	65	821	56	10 244	-1 027.7	1 675.8	1980	1993-12 GPP
64	1.80	0.115	0.32	0.82	65	821	56	10 713	-1 036.2	1 680.2	1979	1998-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
		frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³		
NIPISI 079-08W5 (CONTINUED)								
GILWOOD H	749.0	0.15		112.0		112.0	73.8	38.2
GILWOOD I	272.0	0.10		27.2		27.2	16.0	11.2
GILWOOD J	16.6	0.15		2.5		2.5	1.5	1.0
GILWOOD K	59.1	0.15		8.9		8.9	0.2	8.7
GILWOOD L	165.0	0.10		16.5		16.5	3.7	12.8
GILWOOD M	311.0	0.15		46.7		46.7	7.1	39.6
GILWOOD N	215.0	0.20		43.0		43.0	6.7	36.3
KEG RIVER	2 350.0	0.28		658.0		658.0	602.5	55.5
SANDSTONE A								
KEG RIVER	2 052.0	0.45		923.0		923.0	822.4	100.6
SANDSTONE E								
KEG RIVER	323.0	<0.02		5.5		5.5	5.5	
SANDSTONE F								
KEG RIVER	355.0	<0.03		8.6		8.6	8.6	
SANDSTONE G								
KEG RIVER	192.0	0.25		48.0		48.0	43.4	4.6
SANDSTONE H								
KEG RIVER	130.0	<0.12		15.4		15.4	15.4	
SANDSTONE I								
KEG RIVER	223.0	<0.03		5.0		5.0	5.0	
SANDSTONE J								
KEG RIVER	29.4	<0.02		0.5		0.5	0.5	
SANDSTONE K								
KEG RIVER	384.0	0.07		26.9		26.9	21.3	5.6
SANDSTONE L								
KEG RIVER	175.0	<0.10		15.8		15.8	15.8	
SANDSTONE M								
KEG RIVER	22.4	<0.01		0.1		0.1	0.1	
SANDSTONE N								
KEG RIVER	298.0	0.25		74.5		74.5	46.8	27.7
SANDSTONE O								
KEG RIVER	84.5	<0.01		0.5		0.5	0.5	
SANDSTONE P								
KEG RIVER	25.5	0.25		6.4		6.4	2.8	3.6
SANDSTONE T								
KEG RIVER	185.0	0.20		37.0		37.0	4.1	32.9
SANDSTONE U								
FIELD TOTAL	136 622.2			34 977.9	25 600.0	60 577.9	55 452.0	5 125.9
NITON 055-12W5								
CARDIUM A	135.0	<0.09		11.2		11.2	11.2	
CARDIUM B	137.0	0.08		11.0		11.0	6.7	4.3
CARDIUM C	230.0	<0.09		18.6		18.6	18.6	
CARDIUM D	176.0	<0.01		0.8		0.8	0.8	
CARDIUM E	142.0	0.15		21.3		21.3	15.8	5.5
CARDIUM F	137.0	0.10		13.7		13.7	10.0	3.7
CARDIUM G	187.0	0.20		37.4		37.4	29.6	7.8
CARDIUM H	39.1	<0.01		0.1		0.1	0.1	
CARDIUM I	142.0	<0.03		3.2		3.2	3.2	
CARDIUM J	29.7	<0.08		2.3		2.3	2.3	
BASAL QUARTZ A	17.3	<0.01		0.1		0.1	0.1	
BASAL QUARTZ C	168.0	<0.01		0.8		0.8	0.8	
BASAL QUARTZ G	177.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ K	116.0	0.02		2.3		2.3	2.3	
BASAL QUARTZ M	124.0	<0.03		2.6		2.6	2.6	
BASAL QUARTZ I &	190.0	0.15		28.5		28.5	21.5	7.0
ROCK CREEK A								
ROCK CREEK B	49.0	<0.01		0.1		0.1	0.1	
ROCK CREEK F TOTAL	6 941.0			1 269.0	262.0	1 531.0	1 392.7	138.3
PRIMARY AREA	401.0	0.23		92.2		92.2		
WATER FLOOD AREA	6 540.0	0.18	0.04	1 177.0	262.0	1 439.0		
ROCK CREEK G	140.0	0.10		14.0		14.0	12.5	1.5
ROCK CREEK H	1 871.0	0.12		225.0		225.0	140.1	84.9
ROCK CREEK I	221.0	0.15		33.2		33.2	31.4	1.8
ROCK CREEK J	72.6	0.10		7.3		7.3	3.7	3.6
ROCK CREEK L	65.9	0.10		6.6		6.6	5.0	1.6
ROCK CREEK M	487.0	0.15		73.1		73.1	44.5	28.6
ROCK CREEK N	995.0	0.15	0.10	150.0	99.5	250.0	193.1	56.9
WATER FLOOD								
ROCK CREEK P	33.9	0.10		3.4		3.4	0.5	2.9

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
695	1.61	0.130	0.38	0.83	63	820	62	17 999	-1 109.7	1 835.3	1979	1992-12 GPP
128	3.54	0.134	0.44	0.80	63	819	62	15 484	-1 136.5	1 857.2	1984	1987-08 GPP
16	2.10	0.110	0.46	0.83	56	819	62	18 008	-1 122.4	1 829.8	1988	1997-05 GPP
64	2.20	0.080	0.36	0.82	65	821	56	15 288	-1 088.9	1 748.1	1991	1992-09
32	5.00	0.180	0.31	0.83	59	817	51	13 646	-1 079.5	1 727.5	1994	1995-03
64	5.00	0.180	0.35	0.83	65	823	49	14 167	-1 112.0	1 761.5	1997	1997-07 GPP
64	2.50	0.180	0.10	0.83	65	823	49		-1 063.0	1 713.3	1997	1997-12
1 814	1.46	0.143	0.27	0.85	65	820	56	18 055	-1 091.9	1 746.1	1966	1997-12 GPP
493	4.06	0.180	0.33	0.85	55	820	50	15 598	-1 095.4	1 741.1	1977	1997-12 GPP
64	5.00	0.180	0.34	0.85	53	810	54	13 891	-1 099.4	1 744.8	1980	1986-12 GPP
64	6.40	0.170	0.40	0.85	53	849	52	15 624	-1 092.8	1 738.1	1972	1988-12 ABAND 1990
64	3.40	0.160	0.35	0.85	55	824	43	13 152	-1 102.8	1 749.4	1982	1983-04 GPP
64	1.90	0.180	0.30	0.85	50	830	57	12 707	-1 100.7	1 751.0	1982	1996-07 GPP
64	3.50	0.180	0.35	0.85	53	820	52	12 392	-1 097.5	1 740.5	1984	1987-12 ABAND 1989
64	1.50	0.080	0.55	0.85	55	824	44	12 511	-1 095.3	1 748.3	1984	1984-08 ABAND 1984
64	6.10	0.170	0.32	0.85	55	825	47	12 105	-1 093.0	1 745.7	1984	1990-12 GPP
32	4.60	0.200	0.30	0.85	65	825	49	11 890	-1 100.1	1 745.8	1985	1996-07 GPP
64	0.60	0.137	0.50	0.85	52	825	54	11 448	-1 098.9	1 743.2	1985	1985-10
64	3.40	0.230	0.30	0.85	52	828	53	11 774	-1 101.2	1 749.7	1986	1986-05 GPP
16	4.00	0.210	0.26	0.85	56	827	41	15 493	-1 074.7	1 720.3	1992	1996-07
32	0.90	0.170	0.38	0.84	65	822	49	18 054	-1 091.9	1 751.9	1996	1997-05 GPP
16	9.00	0.180	0.15	0.84	65	826	49			1 743.0	1997	1998-11 GPP
64	2.72	0.114	0.22	0.87	48	834	57	9 506	-595.8	1 427.8	1970	1994-05 ABAND 1993
64	6.00	0.056	0.25	0.85	64	865	42	9 531	-568.5	1 402.7	1984	1997-12
128	2.84	0.100	0.28	0.88	44	856	52	9 157	-569.1	1 384.4	1982	1994-01 ABAND 1993
64	4.00	0.110	0.29	0.88	44	856	52	8 703	-485.8	1 381.9	1984	1988-12 ABAND 1990
64	3.35	0.100	0.25	0.88	45	856	52	9 381	-614.2	1 453.9	1985	1986-05 GPP
64	4.12	0.080	0.26	0.88	44	856	52	9 077	-572.0	1 418.7	1985	1997-11 GPP
64	5.60	0.080	0.26	0.88	44	856	52	10 200	-582.5	1 422.3	1986	1998-12 GPP
64	1.60	0.070	0.38	0.88	44	856	52	9 335	-567.8	1 378.0	1987	1987-07 ABAND 1989
64	2.97	0.110	0.23	0.88	44	856	52	9 333	-507.6	1 390.3	1986	1986-10 ABAND 1990
16	3.20	0.100	0.34	0.88	44	856	52	8 191	-536.4	1 339.0	1987	1996-07 GPP
16	1.54	0.160	0.40	0.73	114	839	80	16 311	-1 108.5	1 933.5	1964	1996-07 GPP
64	3.66	0.150	0.35	0.73	114	839	80	16 558	-1 126.5	1 961.7	1967	1976-08
64	4.63	0.130	0.37	0.73	56	900	80	15 971	-1 112.1	1 947.7	1979	1979-12
64	3.00	0.120	0.30	0.72	120	892	65	17 237	-1 091.4	1 900.7	1981	1988-12
64	2.00	0.150	0.13	0.74	110	832	76	16 146	-1 079.7	1 937.8	1988	1995-05 ABAND 1995
128	2.30	0.130	0.32	0.73	114	864	76	16 199	-1 035.7	1 861.3	1980	1990-08 GPP
64	1.50	0.110	0.42	0.80	135	883	62	15 400	-1 084.7	1 903.8	1985	1988-12 ABAND 1990
2 813					114	839	76	16 277	-1 128.7	1 968.8	1965	1992-06 GPP
303	1.96	0.157	0.41	0.73								
2 510	4.43	0.152	0.47	0.73								
64	4.40	0.126	0.46	0.73	115	876	71	15 247	-1 027.4	1 910.7	1986	1987-04 GPP
521	4.88	0.140	0.28	0.73	120	834	70	16 460	-1 102.9	1 953.3	1984	1998-11
64	4.92	0.170	0.45	0.75	84	879	71	16 255	-1 081.3	1 887.8	1974	1975-12
64	0.90	0.210	0.25	0.80	93	841	54	14 343	-1 090.2	1 948.4	1987	1988-11 GPP
32	3.85	0.120	0.45	0.81	74	865	74	12 863	-989.9	1 791.9	1986	1991-03
64	9.84	0.129	0.20	0.75	100	862	75	15 400	-969.0	1 794.9	1988	1989-10 GPP
315	4.78	0.110	0.23	0.78	100	862	75	15 972	-988.8	1 792.6	1987	1997-09 GPP
64	1.40	0.090	0.40	0.70	145	797	68			1 906.0	1997	1998-07

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
NITON 055-12W5 (CONTINUED) FIELD TOTAL	13 023.5			1 935.7	361.5	2 297.7	1 949.3	* 348.4
NORMANDVILLE 079-22W5								
JURASSIC A	120.0	0.01		1.3		1.3	1.3	
MONTNEY A	102.0	0.10		10.2		10.2	0.5	9.7
MONTNEY B	125.0	0.10		12.5		12.5	6.1	6.4
MONTNEY C	63.3	0.10		6.3		6.3	0.4	5.9
MONTNEY D	140.0	<0.02		2.2		2.2	2.2	
MISSISSIPPIAN B	23.0	0.04		0.9		0.9	0.9	
MISSISSIPPIAN E	275.0	0.06		16.5		16.5	14.1	2.4
MISSISSIPPIAN F	1 280.0	0.05		64.0		64.0	15.5	48.5
MISSISSIPPIAN H	29.6	0.03		0.9		0.9	0.9	
MISSISSIPPIAN I	86.4	0.10		8.6		8.6	4.2	4.4
MISSISSIPPIAN J & S	74.0	0.10		7.4		7.4	1.4	6.0
PEKISKO A	145.0	0.35		50.8		50.8	38.8	12.0
D-1 A	531.0	0.36		191.0		191.0	187.7	3.3
D-1 B	403.0	<0.01		0.4		0.4	0.4	
D-1 C	64.4	<0.09		5.3		5.3	5.3	
D-1 D	50.3	<0.07		3.2		3.2	3.2	
D-1 E	88.0	<0.28		24.3		24.3	24.3	
D-1 F	150.0	0.35		52.5		52.5	48.6	3.9
D-1 G	168.0	0.20		33.6		33.6	32.5	1.1
D-3 A	412.0	<0.42		172.2		172.2	172.2	
D-3 B	526.0	0.40		210.0		210.0	201.5	8.5
D-3 C	241.0	0.35		84.4		84.4	46.7	37.7
GILWOOD A	220.0	0.30		66.0		66.0	62.9	3.1
FIELD TOTAL	5 317.0			1 024.5		1 024.5	871.6	152.9
NORRIS 054-18W4 LOWER VIKING B	195.0	0.10		19.5		19.5	9.8	9.7
FIELD TOTAL *	195.0			19.5		19.5	9.8	9.7
NORTHVILLE 052-10W5								
CARDIUM A	183.0	0.04		7.3		7.3	3.6	3.7
ELLERSLIE B	125.0	0.10		12.5		12.5	6.0	6.5
ROCK CREEK A	75.3	<0.01		0.6		0.6	0.6	
ROCK CREEK B	200.0	0.10		20.0		20.0	0.6	19.4
JURASSIC A	115.0	0.06		6.9		6.9	4.1	2.8
JURASSIC E	76.1	0.15		11.4		11.4	10.8	0.6
FIELD TOTAL	774.4			58.7		58.7	25.7	33.0
O'CHIESE 046-10W5 SECOND WHITE SPECKS A	88.7	0.05		4.4		4.4	0.2	4.2
FIELD TOTAL	88.7			4.4		4.4	0.2	4.2
OBERLIN 038-21W4 MANNVILLE C	197.0	<0.03		4.7		4.7	4.7	
FIELD TOTAL	197.0			4.7		4.7	4.7	
OGSTON 089-10W5 KEG RIVER SANDSTONE B	127.0	<0.02		1.6		1.6	1.6	
GRANITE WASH B	259.0	0.40		104.0		104.0	98.3	5.7
GRANITE WASH C	65.6	<0.02		1.3		1.3	1.3	
GRANITE WASH D	99.5	0.15		14.9		14.9	6.0	8.9
GRANITE WASH E	68.2	0.45		30.7		30.7	20.5	10.2
GRANITE WASH F	61.1	0.30		18.3		18.3	16.8	1.5
GRANITE WASH G	108.0	0.20		21.6		21.6	21.3	0.3
GRANITE WASH H	61.1	<0.10		5.7		5.7	5.7	
GRANITE WASH I	45.8	<0.11		4.7		4.7	4.7	
GRANITE WASH J	73.1	<0.11		7.8		7.8	7.8	
GRANITE WASH K	104.0	0.40		41.6		41.6	32.6	9.0
GRANITE WASH L	172.0	0.30		51.6		51.6	10.4	41.2
GRANITE WASH M	38.1	0.25		9.5		9.5	1.3	8.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.66	0.150	0.25	0.90	35	921	33	7 357	-231.3	807.1	1956	1961-02 ABAND 1961
64	3.00	0.120	0.49	0.87	53	840	35	8 566	-335.1	923.7	1993	1994-07 GPP
32	5.00	0.170	0.47	0.87	53	830	35	7 628	-296.1	905.0	1993	1995-01 GPP
16	4.60	0.190	0.48	0.87	50	838	35	8 376	-310.5	910.7	1994	1995-09 GPP
32	4.50	0.160	0.30	0.87	50	838	35	7 846	-292.3	902.8	1980	1996-12 GPP
16	1.52	0.150	0.25	0.84	62	839	37	11 432	-491.5	1 066.0	1957	1961-02 ABAND 1961
40	7.10	0.200	0.43	0.85	57	833	40	11 519	-503.3	1 075.6	1990	1998-12 GPP
192	5.32	0.220	0.33	0.85	60	836	37	11 547	-507.9	1 080.8	1990	1998-05 GPP
32	1.20	0.150	0.41	0.87	62	832	35	8 829	-424.0	998.8	1995	1997-12 ABAND 1996
16	4.20	0.230	0.35	0.86	65	833	36	10 963	-492.6	1 064.8	1990	1996-05 GPP
16	6.80	0.200	0.60	0.85	70	830	39	11 381	-512.4	1 084.0	1996	1997-03 GPP
64	3.40	0.120	0.33	0.83	100	834	48	13 583	-814.8	1 391.1	1991	1995-12 GPP
365	7.04	0.035	0.28	0.82	68	834	53	18 089	-1 190.8	1 766.8	1956	1997-12 GPP
32	77.50	0.030	0.34	0.82	66	855	57	13 851	-1 171.3	1 755.9	1984	1991-01 GPP
16	69.30	0.010	0.30	0.83	62	849	61	18 583	-1 224.2	1 796.4	1990	1996-07 GPP
16	24.90	0.020	0.24	0.83	62	848	61	18 397	-1 195.1	1 755.0	1990	1996-07 GPP
32	11.40	0.045	0.33	0.80	76	844	60	18 416	-1 211.0	1 783.0	1990	1996-07 GPP
32	20.70	0.040	0.28	0.79	102	851	72	18 456	-1 207.1	1 779.6	1990	1991-10 GPP
10	51.90	0.050	0.19	0.80	76	844	60	17 105	-1 153.7	1 728.1	1991	1998-12 GPP
65	21.34	0.046	0.19	0.80	77	825	66	21 815	-1 467.9	2 049.6	1949	1996-07 GPP
231	13.00	0.030	0.27	0.80	77	825	66	21 767	-1 471.4	2 045.3	1958	1992-11 GPP
64	12.70	0.050	0.26	0.80	75	827	69	20 939	-1 471.8	2 051.6	1991	1991-12 GPP
64	3.72	0.150	0.30	0.88	39	833	68	24 822	-1 721.7	2 319.0	1987	1992-12 GPP
128	2.45	0.150	0.54	0.90	42	874	20	5 529	-7.0	687.3	1982	1997-01 GPP
32	11.00	0.130	0.55	0.89	41	868	54	7 752	-584.7	1 450.5	1981	1996-08 GPP
64	2.50	0.130	0.25	0.80	74	843	61	14 967	-1 087.1	1 946.5	1995	1995-08 GPP
64	2.80	0.100	0.40	0.70	150	813	62	17 090	-1 120.6	1 982.9	1984	1985-07 GPP
64	5.40	0.120	0.32	0.71	144	821	72	16 094	-1 140.9	1 990.7	1997	1998-03 GPP
32	8.00	0.095	0.35	0.73	120	885	77	16 094	-1 140.9	2 032.7	1981	1996-08 GPP
64	3.21	0.084	0.37	0.70	130	800	62	17 309	-1 108.5	1 986.3	1986	1994-12 GPP
64	3.30	0.120	0.50	0.70	150	828	55			2 159.0	1997	1998-12 GPP
64	2.77	0.160	0.20	0.87	51	870	47	10 067	-505.4	1 324.1	1973	1994-12 ABAND 1994
16	7.32	0.220	0.42	0.85	50	829	43	16 176	-937.3	1 491.1	1976	1992-11 ABAND 1982
116	1.94	0.210	0.37	0.87	39	837	41	15 874	-947.7	1 561.6	1989	1993-12 GPP
16	3.80	0.200	0.38	0.87	51	832	41	15 832	-942.1	1 512.0	1990	1998-12 GPP
64	2.03	0.160	0.45	0.87	39	837	41	15 863	-948.3	1 558.4	1990	1991-11 GPP
64	1.20	0.200	0.49	0.87	39	837	41	15 374	-946.5	1 552.9	1993	1998-12 GPP
64	1.20	0.150	0.39	0.87	39	837	41	15 289	-939.6	1 560.3	1993	1993-11 GPP
64	1.80	0.150	0.27	0.86	62	829	49	15 403	-935.4	1 495.6	1975	1995-01 GPP
16	4.08	0.160	0.32	0.86	62	829	49	15 311	-937.1	1 505.6	1977	1998-12 GPP
16	2.68	0.170	0.27	0.86	62	829	49	12 234	-931.7	1 492.5	1977	1996-07 GPP
16	4.55	0.160	0.27	0.86	62	829	49	16 170	-941.6	1 503.3	1977	1998-12 GPP
64	1.68	0.160	0.30	0.86	62	829	49	15 162	-938.5	1 508.5	1975	1998-12 GPP
32	4.00	0.230	0.33	0.87	39	837	41	14 592	-952.9	1 594.8	1995	1995-08 GPP
64	0.81	0.150	0.45	0.89	49	823	38	14 356	-954.3	1 586.2	1995	1995-11 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
OGSTON 089-10W5 (CONTINUED)								
FIELD TOTAL	1 282.5			313.3		313.3	228.3	85.0
OKOTOKS 022-28W4								
ELLERSLIE A	53.4	<0.02		0.8		0.8	0.8	
WABAMUN A	167.0	<0.01		1.5		1.5	1.5	
FIELD TOTAL	220.4			2.3		2.3	2.3	
OTTER 087-12W5								
SLAVE POINT A	1 953.0	0.15		293.0		293.0	161.1	131.9
SLAVE POINT B	457.0	0.15		68.6		68.6	31.6	37.0
SLAVE POINT C	128.0	0.10		12.8		12.8	2.9	9.9
GRANITE WASH A	3 622.0	0.30		1 087.0		1 087.0	945.2	141.8
GRANITE WASH D	49.7	0.15		7.5		7.5	4.6	2.9
GRANITE WASH F	2 304.0	0.36		829.0		829.0	697.5	131.5
GRANITE WASH I	1 038.0	0.30		311.0		311.0	236.3	74.7
GRANITE WASH J	86.6	0.20		17.3		17.3	11.4	5.9
GRANITE WASH K	203.0	0.23		46.7		46.7	42.9	3.8
GRANITE WASH M	273.0	<0.02		4.0		4.0	4.0	
GRANITE WASH N	116.0	<0.02		1.2		1.2	1.2	
GRANITE WASH O	86.9	0.15		13.0		13.0	4.9	8.1
GRANITE WASH P	92.9	<0.02		1.1		1.1	1.1	
GRANITE WASH S	57.1	<0.01		0.1		0.1	0.1	
GRANITE WASH T	50.7	<0.09		4.1		4.1	4.1	
GRANITE WASH U	101.0	0.21		21.2		21.2	19.7	1.5
GRANITE WASH V	102.0	<0.02		1.7		1.7	1.7	
GRANITE WASH W	303.0	0.20		60.6		60.6	39.8	20.8
GRANITE WASH X	14.8	<0.07		1.0		1.0	1.0	
GRANITE WASH Y	195.0	0.20		39.0		39.0	24.2	14.8
GRANITE WASH Z	47.8	<0.11		5.2		5.2	5.2	
GRANITE WASH AA	31.3	<0.06		1.8		1.8	1.8	
GRANITE WASH BB	55.4	0.20		11.1		11.1	7.9	3.2
GRANITE WASH CC	141.0	0.30		42.3		42.3	31.5	10.8
GRANITE WASH EE	58.5	0.20		11.7		11.7	6.8	4.9
GRANITE WASH FF	138.0	0.20		27.6		27.6	18.1	9.5
GRANITE WASH GG	201.0	0.30		60.3		60.3	34.7	25.6
GRANITE WASH HH	293.0	0.25		73.3		73.3	31.2	42.1
GRANITE WASH JJ	88.4	0.30		26.5		26.5	4.8	21.7
GRANITE WASH KK	67.3	0.50		33.7		33.7	21.8	11.9
GRANITE WASH LL	32.2	<0.29		9.1		9.1	9.1	
GRANITE WASH MM	135.0	0.30		40.5		40.5	23.1	17.4
GRANITE WASH NN	92.4	0.25		23.1		23.1	11.0	12.1
GRANITE WASH OO	87.3	0.30		26.2		26.2	16.7	9.5
GRANITE WASH PP	152.0	0.25		38.0		38.0	18.3	19.7
GRANITE WASH QQ	63.7	0.20		12.7		12.7	12.0	0.7
GRANITE WASH RR	91.5	0.30		27.5		27.5	23.0	4.5
GRANITE WASH SS	80.3	0.30		24.1		24.1	13.7	10.4
GRANITE WASH TT	93.9	0.40		37.6		37.6	23.9	13.7
GRANITE WASH UU	188.0	0.20		37.6		37.6	24.2	13.4
GRANITE WASH VV	193.0	<0.08		14.3		14.3	14.3	
GRANITE WASH WW	40.4	<0.05		1.9		1.9	1.9	
FIELD TOTAL	13 605.1			3 406.0		3 406.0	2 590.3	815.7
PADDLE RIVER 055-07W5								
OSTRACOD A	95.6	0.15		14.3		14.3	2.0	12.3
D-2 A	181.0	<0.13		22.2		22.2	22.2	
FIELD TOTAL *	276.6			36.5		36.5	24.2	12.3
PAKOWKI LAKE 004-07W4								
SUNBURST A	62.1	<0.01		0.4		0.4	0.4	
SUNBURST B	535.0	0.07		37.5		37.5	35.2	2.3
FIELD TOTAL	597.1			37.9		37.9	35.6	2.3
PANNY 096-06W5								
KEG RIVER A	739.0	0.30		222.0		222.0	193.0	29.0
KEG RIVER B	244.0	<0.06		12.3		12.3	12.3	
KEG RIVER C	1 416.0	0.20		283.0		283.0	275.2	7.8
KEG RIVER D	2 600.0	0.20		520.0		520.0	450.8	69.2

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	6.20	0.110	0.38	0.79	80	860	57	18 756	-1 005.7	2 027.5	1991	1996-07
64	6.10	0.100	0.25	0.57	235	811	77	26 517	-1 505.6	2 634.9	1978	1984-07 ABAND 1983
500	9.57	0.065	0.31	0.91	34	833	54	15 931	-903.2	1 557.1	1981	1990-12 GPP
141	7.30	0.070	0.28	0.88	34	875	54	14 456	-900.4	1 528.7	1990	1992-12 GPP
16	13.00	0.090	0.22	0.88	34	828	54	15 872	-895.5	1 546.5	1993	1997-03 GPP
106	3.06	0.190	0.36	0.88	37	832	43	16 395	-967.7	1 600.2	1983	1997-05 GPP
64	0.76	0.191	0.37	0.85	55	840	44	14 854	-962.4	1 609.0	1983	1998-09 GPP
745	2.69	0.190	0.32	0.89	36	860	40	16 223	-967.4	1 597.1	1984	1998-12 GPP
192	4.25	0.220	0.35	0.89	35	835	44	16 407	-969.9	1 571.1	1984	1986-09 GPP
32	3.07	0.183	0.44	0.86	49	829	40	16 015	-966.2	1 564.4	1986	1991-12 GPP
64	3.20	0.190	0.40	0.87	38	840	40	16 035	-962.2	1 577.7	1985	1998-12 GPP
64	5.16	0.161	0.43	0.90	34	834	43	15 752	-951.3	1 548.1	1984	1987-11 ABAND 1989
64	2.73	0.146	0.47	0.86	34	830	43	13 376	-941.1	1 529.4	1985	1987-10 ABAND 1989
32	3.59	0.170	0.50	0.89	66	831	39	16 197	-969.8	1 568.5	1985	1996-05 GPP
64	2.00	0.150	0.45	0.88	42	839	55	15 519	-968.0	1 629.6	1988	1991-08 ABAND 1991
64	1.34	0.153	0.50	0.87	39	822	41	14 924	-972.7	1 623.4	1989	1991-08 ABAND 1991
16	2.86	0.190	0.33	0.87	39	837	41	14 970	-971.7	1 602.3	1989	1995-10 ABAND 1995
32	3.00	0.180	0.33	0.87	39	837	41	14 776	-961.9	1 604.1	1990	1998-12 GPP
32	4.49	0.140	0.42	0.87	39	837	41	15 479	-962.6	1 569.7	1990	1996-05 ABAND 1996
128	2.27	0.200	0.40	0.87	39	837	41	15 084	-975.2	1 619.3	1990	1993-05 GPP
16	1.30	0.160	0.49	0.87	39	822	41	15 074	-959.1	1 564.1	1990	1996-07 ABAND 1995
32	4.67	0.200	0.25	0.87	51	832	41	14 911	-968.4	1 599.8	1990	1994-12 GPP
64	1.05	0.150	0.49	0.93	22	824	39	15 110	-952.4	1 577.5	1989	1995-06 ABAND 1994
32	1.00	0.150	0.25	0.87	51	832	41	13 654	-972.6	1 597.2	1991	1996-07 GPP
64	1.20	0.180	0.55	0.89	36	860	40	12 722	-966.7	1 608.4	1988	1992-05 GPP
64	2.89	0.150	0.43	0.89	36	860	40	15 122	-972.7	1 610.2	1989	1992-05 GPP
16	3.00	0.200	0.30	0.87	39	837	41	13 087	-969.8	1 616.7	1993	1996-08 GPP
32	4.30	0.200	0.43	0.88	37	832	43	16 398	-1 126.4	1 777.0	1994	1995-02 GPP
64	1.90	0.240	0.21	0.87	39	837	41	14 397	-954.3	1 580.0	1993	1994-08 GPP
79	5.00	0.170	0.51	0.89	49	823	38	11 950	-965.0	1 570.5	1994	1997-09 GPP
40	2.30	0.150	0.28	0.89	49	823	38	14 373	-956.4	1 589.0	1995	1996-05 GPP
150	0.50	0.180	0.44	0.89	49	823	38	12 930	-951.6	1 583.1	1995	1998-12 GPP
8	3.50	0.240	0.45	0.87	39	837	41	16 422	-971.9	1 581.0	1995	1998-12 GPP
32	5.10	0.190	0.50	0.87	39	837	41	11 269	-970.0	1 571.3	1995	1996-03 GPP
23	4.00	0.210	0.45	0.87	51	831	41	9 744	-970.5	1 570.6	1995	1996-05 GPP
16	5.50	0.200	0.43	0.87	39	837	41	10 420	-969.9	1 575.0	1996	1996-06 GPP
32	4.40	0.200	0.40	0.90	34	844	43	10 034	-968.0	1 569.3	1996	1996-09 GPP
16	3.20	0.220	0.35	0.87	51	831	41	10 534	-971.6	1 577.9	1995	1998-12 GPP
32	3.00	0.190	0.43	0.88	47	818	38	10 359	-966.2	1 569.7	1996	1996-10 GPP
32	3.30	0.180	0.52	0.88	47	818	38	9 299	-968.0	1 570.3	1996	1997-03 GPP
64	1.70	0.160	0.38	0.87	38	840	40	13 775	-960.9	1 566.5	1993	1998-12 GPP
64	2.50	0.210	0.29	0.79	38	840	40	14 464	-956.2	1 571.4	1992	1997-05 GPP
32	5.50	0.210	0.40	0.87	38	840	40	14 068	-964.6	1 575.8	1992	1997-05 GPP
64	1.10	0.120	0.45	0.87	38	840	40		-964.6	1 581.5	1989	1997-05 GPP
32	3.00	0.150	0.20	0.83	64	877	58			1 516.6	1997	1998-07
64	8.84	0.053	0.25	0.80	117	876	70	14 204	-1 113.7	1 835.2	1954	1971-11 ABAND 1978
32	1.80	0.190	0.39	0.93	30	923	33	8 804	-20.0	887.8	1976	1983-05 ABAND 1996
188	1.89	0.230	0.28	0.91	32	830	40	8 981	-40.8	931.6	1979	1989-10 GPP
331	3.80	0.090	0.25	0.87	51	829	38	12 364	-645.0	1 175.7	1984	1997-12 GPP
64	5.90	0.080	0.07	0.87	63	831	38	11 620	-609.0	1 124.3	1984	1994-06 ABAND 1994
256	11.50	0.070	0.21	0.87	51	829	38	13 105	-694.8	1 233.2	1984	1994-12 GPP
421	11.38	0.080	0.22	0.87	51	837	38	12 725	-672.0	1 231.2	1983	1997-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PANNY 096-06W5 (CONTINUED)								
KEG RIVER E	122.0	0.40		48.8		48.8	41.5	7.3
KEG RIVER F	851.0	0.10		85.1		85.1	46.7	38.4
KEG RIVER G	350.0	0.17		59.5		59.5	52.3	7.2
KEG RIVER H	190.0	0.10		19.0		19.0	14.5	4.5
KEG RIVER I	239.0	<0.16		36.6		36.6	36.6	
KEG RIVER J	171.0	0.12		20.5		20.5	16.2	4.3
KEG RIVER K	99.7	<0.14		13.8		13.8	13.8	
KEG RIVER L	86.6	<0.04		2.9		2.9	2.9	
KEG RIVER M	88.4	0.20		17.7		17.7	10.6	7.1
KEG RIVER N	148.0	<0.01		0.2		0.2	0.2	
KEG RIVER O	46.2	0.10		4.6		4.6	1.3	3.3
KEG RIVER P	312.0	0.25		78.0		78.0	48.3	29.7
KEG RIVER Q	83.5	<0.15		12.3		12.3	12.3	
KEG RIVER R	326.0	0.18		58.7		58.7	42.0	16.7
KEG RIVER S	98.2	<0.02		1.4		1.4	1.4	
KEG RIVER T	229.0	<0.01		1.0		1.0	1.0	
KEG RIVER U	167.0	0.25		41.8		41.8	27.7	14.1
KEG RIVER V	726.0	0.05		36.3		36.3	15.1	21.2
KEG RIVER W	180.0	0.07		12.6		12.6	5.8	6.8
KEG RIVER X	173.0	<0.01		0.1		0.1	0.1	
KEG RIVER Y	436.0	0.10		43.6		43.6	32.8	10.8
KEG RIVER Z	410.0	0.15		61.5		61.5	25.9	35.6
KEG RIVER AA	235.0	<0.02		4.5		4.5	4.5	
KEG RIVER BB	123.0	<0.01		0.1		0.1	0.1	
KEG RIVER CC	357.0	0.10		35.7		35.7	16.7	19.0
KEG RIVER DD	259.0	0.15		38.9		38.9	16.6	22.3
KEG RIVER EE	73.9	0.15		11.1		11.1	2.7	8.4
KEG RIVER FF	79.8	0.15		12.0		12.0	9.0	3.0
KEG RIVER GG	54.3	<0.01		0.1		0.1	0.1	
KEG RIVER HH	90.9	0.10		9.1		9.1	1.0	8.1
KEG RIVER II	177.0	0.10		17.7		17.7	1.6	16.1
FIELD TOTAL	11 981.5			1 822.5		1 822.5	1 432.6	389.9
PARFLESH 025-22W4								
UPPER MANNVILLE C	101.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE D	328.0	<0.07		20.2		20.2	19.2	1.0
UPPER MANNVILLE G	1 333.0	0.10	0.50	133.0	667.0	800.0	703.1	96.9
WATER FLOOD								
UPPER MANNVILLE H	34.4	<0.02		0.5		0.5	0.5	
UPPER MANNVILLE J	111.0	0.10		11.1		11.1	2.8	8.3
LOWER MANNVILLE D	52.7	<0.01		0.5		0.5	0.5	
FIELD TOTAL	1 960.1			165.6	667.0	832.6	726.4	106.2
PEACOCK 014-27W4								
BARONS B	54.8	0.25		13.7		13.7	3.6	10.1
FIELD TOTAL	54.8			13.7		13.7	3.6	10.1
PEARCE 009-24W4								
BANFF A	154.0	<0.04		5.0		5.0	5.0	
BANFF B	101.0	<0.02		1.2		1.2	1.2	
D-2 A	108.0	<0.09		9.7		9.7	9.7	
FIELD TOTAL	363.0			15.9		15.9	15.9	
PEARL 030-16W4								
BANFF A	61.2	0.22		13.5		13.5	11.9	1.6
FIELD TOTAL	61.2			13.5		13.5	11.9	1.6
PEAVEY 056-24W4								
MIDDLE VIKING A	529.0	0.25		132.0		132.0	115.8	16.2
MIDDLE VIKING B	52.0	<0.01		0.2		0.2	0.2	
BLAIRMORE TOTAL	1 898.0			249.0	57.2	306.0	292.4	13.6
PRIMARY AREA	1 262.0	0.10		126.0		126.0		
WATER FLOOD AREA	636.0	<0.20	0.09	123.0	57.2	180.0		
BLAIRMORE B	225.0	<0.01		0.9		0.9	0.9	
BLAIRMORE F	73.0	0.10		7.3		7.3	4.3	3.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
100	3.45	0.059	0.32	0.88	51	829	38	12 298	-651.6	1 175.3	1984	1989-12 GPP
271	6.10	0.080	0.26	0.87	52	840	38	12 804	-649.3	1 178.9	1985	1993-06 GPP
64	11.99	0.069	0.24	0.87	51	829	38	12 403	-672.4	1 194.0	1985	1991-12 GPP
100	7.00	0.054	0.43	0.88	38	828	38	11 811	-699.8	1 265.9	1985	1987-08 GPP
32	14.17	0.072	0.16	0.87	52	830	38	11 793	-633.7	1 148.8	1986	1996-07 GPP
64	11.70	0.054	0.52	0.88	44	835	28	13 350	-770.2	1 277.2	1986	1996-08 GPP
48	7.86	0.049	0.38	0.87	52	834	38	13 220	-746.8	1 265.0	1985	1995-05 ABAND 1995
64	3.00	0.073	0.29	0.87	52	845	38	13 154	-754.3	1 264.5	1986	1995-08 ABAND 1995
32	10.80	0.042	0.30	0.87	47	834	37	13 153	-743.0	1 254.6	1985	1991-12 GPP
64	7.54	0.061	0.40	0.84	65	834	38	12 583	-765.5	1 258.2	1986	1989-12 ABAND 1994
16	6.14	0.090	0.40	0.87	52	829	38	13 649	-739.6	1 271.0	1986	1996-08 GPP
128	6.50	0.060	0.28	0.87	52	825	38	12 824	-724.0	1 246.5	1986	1988-05 GPP
32	7.02	0.057	0.25	0.87	52	837	38	11 604	-660.4	1 181.8	1987	1996-07 ABAND 1995
64	8.34	0.090	0.23	0.88	51	833	38	12 455	-709.9	1 241.7	1986	1998-12 GPP
32	7.84	0.075	0.40	0.87	51	829	38	11 814	-691.7	1 252.4	1987	1995-11 ABAND 1994
64	8.78	0.067	0.30	0.87	52	836	38	11 410	-652.9	1 165.1	1987	1989-12 ABAND 1994
32	10.60	0.081	0.30	0.87	51	829	38	12 295	-691.9	1 259.7	1987	1991-12 GPP
247	6.70	0.080	0.37	0.87	52	837	38	12 312	-644.4	1 177.3	1987	1996-01 GPP
64	10.30	0.056	0.44	0.87	52	829	38	12 477	-716.7	1 287.8	1987	1996-08 GPP
64	7.97	0.071	0.45	0.87	52	829	38	15 944	-1 063.6	1 570.7	1987	1987-08 ABAND 1989
32	21.90	0.094	0.24	0.87	52	820	38	11 756	-630.1	1 149.2	1987	1987-12 GPP
64	11.60	0.090	0.27	0.84	51	840	38	12 110	-654.8	1 218.9	1986	1996-08 GPP
32	16.50	0.080	0.36	0.87	52	837	38	11 569	-682.0	1 197.4	1988	1994-07 ABAND 1994
64	6.70	0.060	0.45	0.87	52	829	38	13 226	-770.7	1 271.4	1988	1988-09 ABAND 1989
64	12.00	0.080	0.34	0.88	51	829	38	13 625	-736.7	1 270.7	1988	1992-06 GPP
64	8.30	0.080	0.30	0.87	52	837	38	12 404	-664.2	1 194.0	1993	1993-06 GPP
32	5.42	0.070	0.30	0.87	52	837	38	9 336	-659.9	1 183.7	1993	1993-06 GPP
32	4.91	0.080	0.27	0.87	52	837	52	8 835	-648.7	1 183.7	1993	1994-03 GPP
32	3.75	0.080	0.35	0.87	52	837	38	11 763	-653.8	1 221.3	1993	1995-05 ABAND 1995
32	6.88	0.070	0.33	0.88	51	829	38	12 642	-673.0	1 179.6	1985	1994-02 GPP
64	8.50	0.050	0.26	0.88	51	829	38			1 197.0	1997	1998-07 GPP
64	2.00	0.160	0.40	0.82	70	847	49	10 396	-591.6	1 493.3	1981	1983-04
64	9.50	0.130	0.50	0.83	66	860	37	8 245	-556.0	1 442.3	1981	1998-12 GPP
262	4.16	0.210	0.29	0.82	56	858	45	10 563	-573.4	1 462.9	1963	1997-12 GPP
16	3.66	0.140	0.50	0.84	66	858	49	9 970	-573.9	1 462.4	1978	1992-10 ABAND 1993
32	4.00	0.160	0.34	0.82	56	858	45			1 456.5	1992	1998-06 GPP
16	7.00	0.140	0.60	0.84	67	857	43	10 768	-615.1	1 537.4	1980	1996-07 GPP
64	1.50	0.120	0.30	0.68	126	827	54			2 064.3	1997	1998-07
64	4.01	0.100	0.25	0.80	89	892	54	23 715	-1 263.0	2 210.9	1977	1992-07 ABAND 1990
16	25.00	0.040	0.30	0.90	26	885	51	26 472	-1 227.5	2 179.5	1980	1993-12 GPP
64	4.64	0.070	0.20	0.65	186	829	51	19 976	-1 438.5	2 397.1	1977	1992-10
64	2.13	0.060	0.15	0.88	51	894	38	9 310	-365.2	1 291.8	1976	1997-12 GPP
146	2.59	0.203	0.25	0.92	37	876	38	6 256	-163.8	873.0	1951	1995-12 GPP
64	1.30	0.170	0.60	0.92	32	876	32	6 116	-141.5	851.5	1987	1992-10 ABAND 1994
400					35	876	43	8 369	-357.8	1 066.6	1951	1997-12 GPP
272	3.25	0.206	0.23	0.90								
128	3.48	0.206	0.23	0.90								
32	5.00	0.240	0.35	0.90	42	912	33	7 244	-374.1	1 074.2	1976	1984-03
16	3.90	0.190	0.33	0.92	28	898	40	7 236	-373.1	1 075.1	1987	1994-12

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
PEAVEY 056-24W4 (CONTINUED)								
FIELD TOTAL	2 777.0			389.4	57.2	446.4	413.6	32.8
PECO 047-15W5								
BELLY RIVER D	50.6	0.07		3.5		3.5	3.3	0.2
BELLY RIVER E	314.0	0.05		15.7		15.7	8.0	7.7
BELLY RIVER L	38.4	<0.01		0.1		0.1	0.1	
BELLY RIVER O	113.0	0.10		11.3		11.3	3.4	7.9
BELLY RIVER C,H,J,K & O	2 730.0	0.12		328.0		328.0	265.9	62.1
CARDIUM C	308.0	0.17		52.4		52.4	48.5	3.9
CARDIUM D	11.8	<0.10		1.1		1.1	1.1	
CARDIUM E	33.4	0.20		6.7		6.7	5.2	1.5
CARDIUM G	199.0	0.10		19.9		19.9	13.0	6.9
CARDIUM H	76.6	0.12		9.2		9.2	8.8	0.4
VIKING A	224.0	<0.02		2.9		2.9	2.9	
GETHING B	92.4	0.09		8.3		8.3	6.8	1.5
ELKTON-SHUNDA A	106.0	0.15		15.9		15.9	4.1	11.8
FIELD TOTAL	4 297.2			475.0		475.0	371.1	103.9
PEMBINA 048-07W5								
BELLY RIVER G	215.0	0.15		32.3		32.3	31.0	1.3
BELLY RIVER H	923.0	0.10		92.3		92.3	84.5	7.8
BELLY RIVER I TOTAL	14 980.0			979.0	510.0	1 489.0	1 364.5	124.5
PRIMARY AREA	9 879.0	<0.06		520.0		520.0		
WATER FLOOD AREA	5 100.0	0.09	0.10	459.0	510.0	969.0		
BELLY RIVER J TOTAL	2 317.0			222.0	117.0	339.0	334.2	4.8
PRIMARY AREA	1 419.0	0.08		114.0		114.0		
WATER FLOOD AREA	898.0	0.12	0.13	108.0	117.0	225.0		
BELLY RIVER P	203.0	0.05		10.2		10.2	2.0	8.2
BELLY RIVER AA	4 808.0	0.04		192.0		192.0	166.5	25.5
BELLY RIVER DD	2 429.0	0.05		121.0		121.0	65.1	55.9
BELLY RIVER EE	408.0	<0.01		3.2		3.2	3.2	
BELLY RIVER II	1 404.0	0.06		84.2		84.2	82.3	1.9
BELLY RIVER JJ	127.0	<0.06		7.1		7.1	6.7	0.4
BELLY RIVER MM	715.0	0.05		35.8		35.8	32.1	3.7
BELLY RIVER OO	317.0	<0.01		0.4		0.4	0.4	
BELLY RIVER RR	438.0	<0.01		4.1		4.1	4.1	
BELLY RIVER XX	224.0	<0.02		2.4		2.4	2.4	
BELLY RIVER FFF, GGG K2K & S2S TOTAL	16 290.0			1 230.0	851.0	2 081.0	1 217.5	863.5
PRIMARY AREA	4 134.0	0.10		413.0		413.0		
WATER FLOOD AREA	12 160.0	<0.07	0.07	817.0	851.0	1 668.0		
BELLY RIVER B2B & C2C	575.0	0.02		11.5		11.5	3.0	8.5
BELLY RIVER C & O TOTAL	84 000.0			8 985.0	9 579.0	18 560.0	15 532.3	3 027.7
PRIMARY AREA	15 260.0	0.09		1 374.0		1 374.0		
WATER FLOOD AREA	68 740.0	<0.12	0.14	7 611.0	9 579.0	17 190.0		
BELLY RIVER BBB	62.8	0.07		4.4		4.4	4.4	
BELLY RIVER DDD TOTAL	3 821.0			573.0	631.0	1 204.0	1 012.1	191.9
PRIMARY AREA	152.0	0.15		22.8		22.8		
WATER FLOOD AREA	3 669.0	0.15	0.17	550.0	631.0	1 181.0		
BELLY RIVER JJJ	73.1	<0.05		3.0		3.0	3.0	
BELLY RIVER MMM	350.0	<0.01		0.3		0.3	0.3	
BELLY RIVER NNN	54.1	<0.04		2.1		2.1	2.1	
BELLY RIVER RRR	315.0	0.03		9.5		9.5	6.5	3.0
BELLY RIVER TTT	780.0	0.06		46.8		46.8	40.9	5.9
BELLY RIVER VVV	239.0	<0.01		0.2		0.2	0.2	
BELLY RIVER WWW	125.0	<0.01		0.1		0.1	0.1	
BELLY RIVER XXX	191.0	<0.01		0.1		0.1	0.1	
BELLY RIVER A2A	875.0	0.05		43.8		43.8	37.0	6.8
BELLY RIVER E2E	72.2	<0.10		6.6		6.6	6.6	
BELLY RIVER G2G	130.0	0.10		13.0		13.0	3.7	9.3
BELLY RIVER M2M	181.0	0.10		18.1		18.1	5.9	12.2
BELLY RIVER N2N	121.0	<0.02		2.0		2.0	1.8	0.2
BELLY RIVER O2O	320.0	<0.01		1.8		1.8	1.8	
BELLY RIVER R2R	133.0	<0.01		0.1		0.1	0.1	
BELLY RIVER U2U	200.0	0.04		8.0		8.0	4.4	3.6
BELLY RIVER X2X	600.0	0.02		12.0		12.0	6.6	5.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	5.20	0.120	0.35	0.78	90	799	50	11 976	-809.6	2 000.2	1984	1996-12 GPP
100	6.19	0.100	0.35	0.78	52	824	52	13 468	-953.0	2 205.5	1983	1992-08
16	4.00	0.140	0.45	0.78	88	830	62	9 959	-825.1	1 997.8	1985	1996-07 ABAND 1993
32	7.60	0.120	0.54	0.84	56	810	61	8 976	-705.9	1 896.3	1996	1996-12 GPP
595	9.05	0.100	0.35	0.78	80	806	52	12 792	-887.3	2 143.7	1983	1998-12 GPP
256	2.60	0.100	0.23	0.60	204	792	92	25 138	-1 291.5	2 465.9	1976	1997-07 GPP
16	1.40	0.110	0.20	0.60	200	791	74	25 145	-1 295.6	2 473.2	1981	1996-07 GPP
108	0.92	0.070	0.20	0.60	200	786	77	27 278	-1 321.0	2 481.9	1982	1997-03
192	2.21	0.100	0.22	0.60	210	792	77	31 372	-1 334.6	2 484.7	1983	1985-03 GPP
64	1.90	0.150	0.30	0.60	210	788	77	26 232	-1 314.4	2 442.8	1986	1996-12 GPP
64	4.00	0.160	0.30	0.78	80	820	88	29 675	-1 583.6	2 690.9	1976	1981-12 ABAND 1985
32	4.00	0.110	0.18	0.80	350	783	100	38 756	-1 905.0	3 034.8	1984	1998-12 GPP
64	3.20	0.080	0.22	0.83	220	804	100	24 449	-1 965.6	3 075.4	1995	1995-10
75	3.05	0.150	0.30	0.89	35	834	42	6 989	-243.5	1 121.9	1955	1992-12 GPP
97	8.63	0.200	0.38	0.89	39	820	43	9 940	-508.4	1 372.8	1955	1988-12 GPP
6 335					65	834	37	7 909	-236.5	1 090.6	1954	1994-12 GPP
4 007	4.05	0.180	0.62	0.89								
2 328	4.01	0.186	0.67	0.89								
409					39	819	42	9 286	-361.9	1 280.3	1958	1992-08 GPP
253	5.59	0.200	0.43	0.88								
156	5.74	0.200	0.43	0.88								
64	4.60	0.160	0.50	0.86	45	857	41	6 570	-112.7	983.4	1955	1989-04 GPP
964	4.85	0.205	0.43	0.88	40	844	41	7 289	-154.1	975.4	1965	1989-10 GPP
502	4.99	0.190	0.42	0.88	40	844	43	7 486	-181.1	1 017.2	1957	1994-09 GPP
65	7.13	0.188	0.46	0.87	43	849	42	6 728	-145.7	1 047.3	1967	1976-12 ABAND 1976
605	3.15	0.207	0.60	0.89	65	834	44	7 134	-216.0	1 036.2	1957	1993-12 GPP
32	4.32	0.190	0.45	0.88	40	844	36	6 534	-117.9	942.7	1967	1997-05 ABAND 1996
154	6.10	0.140	0.39	0.89	40	829	42	10 125	-451.8	1 260.4	1968	1977-12 GPP
65	5.76	0.190	0.50	0.89	44	904	38	6 799	-122.4	973.4	1974	1983-12
65	6.10	0.200	0.38	0.89	43	829	43	10 341	-423.3	1 296.9	1959	1996-07 GPP
64	4.92	0.200	0.60	0.89	62	839	31	6 833	-219.8	969.6	1978	1982-12
4 464					45	841	32	6 791	-80.8	995.4	1970	1998-03
2 914	1.64	0.180	0.46	0.89								
1 550	9.24	0.180	0.47	0.89								
128	5.60	0.160	0.43	0.88	40	840	50	7 195	-271.7	1 192.7	1985	1989-12 GPP
20 737					41	839	39	6 628	-119.9	1 024.0	1959	1994-12 GPP
6 401	2.66	0.190	0.47	0.89								
14 336	5.35	0.190	0.47	0.89								
32	2.00	0.190	0.42	0.89	46	846	22	7 300	-87.0	940.0	1978	1996-07 GPP
1 374					65	817	49	10 902	-520.0	1 457.9	1978	1993-12 GPP
96	2.20	0.136	0.33	0.79								
1 278	3.93	0.134	0.31	0.79								
16	4.70	0.170	0.35	0.88	50	854	41	7 852	-231.1	1 153.1	1979	1996-07 GPP
64	6.30	0.150	0.35	0.89	48	840	36	5 934	-45.7	867.2	1981	1987-12 ABAND 1997
16	2.70	0.220	0.36	0.89	55	846	40	6 708	-79.4	995.7	1981	1996-07 GPP
32	8.30	0.212	0.35	0.86	52	862	41	5 852	-32.3	856.5	1982	1997-12 GPP
132	6.29	0.220	0.52	0.89	66	853	37	7 678	-218.0	1 042.1	1980	1994-03 GPP
64	4.60	0.140	0.30	0.83	65	845	52	7 781	-221.5	1 137.9	1983	1986-12
32	4.40	0.180	0.45	0.90	52	857	41	6 611	-67.7	901.5	1983	1984-03 ABAND 1984
64	3.00	0.150	0.20	0.83	65	848	52	7 516	-229.7	1 161.5	1983	1986-12
473	3.02	0.130	0.38	0.76	65	849	52	9 678	-350.8	1 319.2	1978	1996-08 GPP
32	3.20	0.135	0.40	0.87	52	817	49	9 678	-351.0	1 277.9	1980	1996-07 GPP
32	4.40	0.180	0.40	0.85	67	839	36	6 206	-26.1	910.5	1984	1986-07 GPP
64	5.35	0.180	0.67	0.89	66	822	37	7 274	-281.9	1 110.0	1985	1995-08 GPP
64	1.99	0.178	0.40	0.89	90	885	44	6 641	-71.4	932.0	1985	1996-12 GPP
64	5.40	0.160	0.35	0.89	66	822	39	8 813	-162.6	1 056.8	1985	1992-10
64	2.94	0.131	0.35	0.83	72	829	39	12 805	-514.2	1 441.3	1985	1986-07 ABAND 1988
64	3.86	0.175	0.48	0.89	46	849	36	6 411	-70.6	963.9	1986	1997-12 GPP
64	9.86	0.178	0.40	0.89	39	834	43	10 128	-401.3	1 197.4	1959	1996-08 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PEMBINA 048-07W5 (CONTINUED)								
BELLY RIVER Z2Z	123.0	0.05		6.2		6.2	3.5	2.7
BELLY RIVER A3A	368.0	<0.01		1.0		1.0	1.0	
BELLY RIVER B3B	125.0	<0.06		6.7		6.7	6.7	
BELLY RIVER E3E	173.0	<0.01		0.3		0.3	0.3	
BELLY RIVER M3M	463.0	0.03		13.9		13.9	5.3	8.6
BELLY RIVER U3U	242.0	0.05		12.1		12.1	3.4	8.7
BELLY RIVER V3V	126.0	<0.01		0.8		0.8	0.8	
BELLY RIVER X3X	429.0	0.25		107.0		107.0	48.4	58.6
BELLY RIVER Y3Y	106.0	0.05		5.3		5.3	4.0	1.3
BELLY RIVER Z3Z	156.0	0.02		3.1		3.1	2.4	0.7
BELLY RIVER A4A	125.0	0.06		7.5		7.5	6.4	1.1
BELLY RIVER B4B	47.2	<0.01		0.1		0.1	0.1	
BELLY RIVER D4D	81.6	0.10		8.2		8.2	0.9	7.3
BELLY RIVER E4E	114.0	<0.01		0.1		0.1	0.1	
BELLY RIVER H4H	49.7	<0.01		0.3		0.3	0.3	
BELLY RIVER I4I	51.7	0.10		5.2		5.2	0.1	5.1
BELLY RIVER J4J	34.9	<0.01		0.1		0.1	0.1	
BELLY RIVER K4K	432.0	0.10		43.2		43.2	9.7	33.5
BELLY RIVER O4O	90.8	<0.01		0.3		0.3	0.3	
BELLY RIVER P4P	316.0	0.05		15.8		15.8	1.1	14.7
BELLY RIVER R4R	106.0	0.10		10.6		10.6	1.6	9.0
LEA PARK A	335.0	<0.18		60.0		60.0	46.4	13.6
COLORADO A	14.4	<0.01		0.1		0.1	0.1	
CARDIUM TOTAL	1 101 000.0			114 300.0	106 500.0	220 800.0	186 162.6	34 637.4
PRIMARY AREA	278 000.0	<0.09		23 800.0		23 800.0		
WATER FLOOD AREA	823 000.0	0.11	0.13	90 530.0	106 500.0	197 000.0		
CARDIUM B	636.0	<0.05		27.4		27.4	26.9	0.5
CARDIUM C	100.0	<0.03		2.5		2.5	2.5	
CARDIUM E	93.4	<0.07		6.1		6.1	6.1	
CARDIUM G	125.0	<0.01		0.2		0.2	0.2	
CARDIUM H	96.9	0.15		14.5		14.5	14.3	0.2
CARDIUM I	100.0	<0.11		10.1		10.1	10.1	
CARDIUM J	165.0	<0.02		1.9		1.9	1.9	
CARDIUM K	247.0	0.05		12.4		12.4	6.8	5.6
CARDIUM L	363.0	0.15	0.08	54.5	29.0	83.5	82.7	0.8
WATER FLOOD								
CARDIUM M	311.0	0.02		6.2		6.2	6.2	
CARDIUM N	240.0	0.03		7.2		7.2	7.0	0.2
CARDIUM O	24.7	<0.01		0.2		0.2	0.2	
CARDIUM P	386.0	0.05		19.3		19.3	18.1	1.2
CARDIUM Q	129.0	0.11		14.2		14.2	13.7	0.5
CARDIUM R	79.3	0.10		7.9		7.9	6.6	1.3
CARDIUM S	108.0	0.06		6.5		6.5	2.3	4.2
CARDIUM T	965.0	0.05		48.3		48.3	40.6	7.7
CARDIUM U	37.9	<0.01		0.3		0.3	0.3	
CARDIUM V	31.7	0.15		4.8		4.8	4.2	0.6
CARDIUM W	101.0	0.05		5.1		5.1	0.5	4.6
CARDIUM X	54.4	<0.02		1.0		1.0	1.0	
CARDIUM Y	32.3	<0.01		0.1		0.1	0.1	
CARDIUM AA	88.0	0.15		13.2		13.2	1.8	11.4
SECOND WHITE	100.0	0.10		10.0		10.0	4.7	5.3
SPECKS A								
SECOND WHITE	128.0	0.10		12.8		12.8	10.4	2.4
SPECKS B								
SECOND WHITE	140.0	<0.01		0.3		0.3	0.3	
SPECKS C								
VIKING B	834.0	0.15		125.0		125.0	122.0	3.0
VIKING D	213.0	<0.01		0.1		0.1	0.1	
VIKING E	5.6	0.05		0.3		0.3	0.3	
VIKING F	52.2	0.20		10.4		10.4	8.7	1.7
VIKING G	156.0	0.10		15.6		15.6	10.5	5.1
VIKING H	76.3	0.05		3.8		3.8	0.4	3.4
VIKING I	19.5	<0.09		1.6		1.6	1.6	
VIKING K	7.6	<0.03		0.2		0.2	0.2	
GLAUCONITIC J	55.3	0.15		8.3		8.3	7.2	1.1
GLAUCONITIC K	79.4	<0.01		0.2		0.2	0.2	
GLAUCONITIC N	256.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC P	1 103.0	0.08		88.2		88.2	85.1	3.1
GLAUCONITIC Q	164.0	<0.01		0.1		0.1	0.1	
GLAUCONITIC R	1 629.0	0.20		326.0		326.0	306.4	19.6
GLAUCONITIC T	608.0	<0.01		0.9		0.9	0.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	4.00	0.180	0.40	0.89	65	822	38	8 087	-218.5	1 068.0	1984	1994-12 GPP
64	5.50	0.180	0.30	0.83	75	813	32	9 031	-330.2	1 226.3	1976	1987-04 ABAND 1990
32	5.00	0.180	0.38	0.70	150	791	50	13 832	-497.3	1 377.8	1979	1996-07 GPP
64	6.90	0.150	0.70	0.87	49	840	40	10 870	-340.0	1 256.2	1987	1992-10 ABAND 1994
128	5.65	0.150	0.52	0.89	65	823	38	9 365	-386.1	1 173.5	1989	1996-08 GPP
64	3.90	0.180	0.38	0.87	130	827	42	7 978	-299.8	1 218.8	1957	1992-10 GPP
32	6.81	0.110	0.41	0.89	39	840	39	9 744	-359.2	1 337.4	1954	1996-12 ABAND 1995
415	2.00	0.120	0.51	0.88	70	835	53	9 962	-445.5	1 345.9	1993	1996-07 GPP
32	3.90	0.180	0.47	0.89	65	822	38	7 481	-225.7	1 074.3	1958	1996-12 GPP
16	11.50	0.190	0.50	0.89	66	853	37	6 683	-218.8	1 048.9	1993	1997-12 GPP
32	4.20	0.190	0.45	0.89	66	853	37	6 647	-209.9	1 044.5	1985	1997-12 GPP
16	4.60	0.160	0.55	0.89	65	822	38	6 717	-219.5	1 053.3	1993	1996-07 GPP
32	3.35	0.190	0.55	0.89	65	822	38	6 685	-206.2	1 045.3	1961	1994-06 GPP
16	7.35	0.190	0.37	0.81	35	836	41	4 843	-71.3	881.8	1993	1994-12 ABAND 1994
16	4.90	0.120	0.40	0.88	39	846	44	12 114	-328.0	1 236.9	1956	1996-07 GPP
32	1.50	0.220	0.45	0.89	65	822	38	6 415	-147.4	978.0	1973	1995-04 GPP
16	3.40	0.180	0.60	0.89	65	822	38	7 277	-282.3	1 153.4	1958	1996-07 GPP
64	7.00	0.190	0.43	0.89	50	849	36	6 781	-89.8	953.1	1994	1995-04 ABAND 1996
16	6.10	0.190	0.45	0.89	65	822	38	6 440	-144.2	994.6	1957	1997-12 ABAND 1996
64	5.04	0.200	0.45	0.89	65	822	38	5 176	-146.7	997.9	1957	1996-08 GPP
16	6.00	0.180	0.31	0.89	65	822	38	8 418	-335.6	1 294.0	1995	1997-04 GPP
83	4.20	0.150	0.20	0.80	166	798	52	15 499	-477.5	1 447.4	1985	1990-08 GPP
16	4.00	0.050	0.50	0.90	39	843	46	9 490	-309.8	1 127.0	1994	1996-07 ABAND 1997
191 651					96	834	46	20 391	-662.5	1 540.5	1953	1991-12 GPP
49 291	6.77	0.121	0.15	0.81								
142 360	6.10	0.130	0.10	0.81								
194	4.05	0.116	0.15	0.82	96	834	60	15 874	-462.4	1 215.4	1963	1996-12 GPP
16	7.01	0.130	0.15	0.81	82	834	44	10 344	-508.4	1 339.0	1973	1995-06 ABAND 1993
32	2.70	0.150	0.11	0.81	83	834	53	8 277	-862.0	1 840.1	1978	1996-07 GPP
64	2.81	0.101	0.15	0.81	80	834	56	16 955	-732.0	1 620.8	1981	1987-12 ABAND 1997
64	2.00	0.110	0.15	0.81	80	840	40	15 779	-449.7	1 226.4	1982	1986-12 GPP
20	5.60	0.120	0.20	0.93	28	873	38	14 450	-372.2	1 132.2	1983	1995-10 ABAND 1995
64	3.40	0.110	0.15	0.81	80	834	50	17 348	-837.1	1 839.9	1983	1996-12 ABAND 1993
64	4.88	0.115	0.15	0.81	80	834	50	19 163	-804.7	1 763.3	1984	1996-08 GPP
38	7.63	0.160	0.15	0.92	55	835	44	17 790	-587.6	1 463.9	1984	1993-10 GPP
64	5.70	0.110	0.10	0.86	53	845	58	19 492	-784.9	1 744.6	1983	1987-12 GPP
64	4.20	0.125	0.15	0.84	61	856	56	17 478	-804.1	1 761.0	1984	1987-12 GPP
64	0.40	0.140	0.15	0.81	125	830	56	17 059	-748.8	1 672.8	1984	1984-08 ABAND 1991
128	3.75	0.110	0.15	0.86	55	835	44	20 664	-699.5	1 670.5	1986	1991-12 GPP
64	2.00	0.140	0.15	0.85	57	875	51	16 143	-429.3	1 195.9	1987	1997-12 GPP
64	1.20	0.150	0.15	0.81	84	865	45	15 496	-414.7	1 367.9	1985	1986-01 GPP
32	3.60	0.130	0.15	0.85	78	833	49	19 545	-544.0	1 429.0	1983	1996-08 GPP
518	3.30	0.080	0.15	0.83	65	846	55	19 586	-548.4	1 464.3	1989	1998-03 GPP
32	2.10	0.080	0.15	0.83	65	846	55	19 452	-532.6	1 409.5	1979	1996-03 ABAND 1995
64	0.62	0.100		0.80	80	831	54	9 783	-527.4	1 440.4	1991	1992-05 GPP
64	2.50	0.110	0.30	0.82	76	843	52	9 851	-575.3	1 487.3	1991	1992-10 GPP
16	4.90	0.120	0.15	0.68	150	796	60	17 477	-918.4	1 814.5	1976	1996-07 GPP
16	2.50	0.120	0.20	0.84	62	847	49	13 925	-515.4	1 355.0	1993	1996-07 GPP
64	1.30	0.170	0.25	0.83	65	847	55	8 698	-561.1	1 466.0	1997	1997-07 GPP
64	2.00	0.140	0.30	0.80	85	870	60	18 869	-912.2	1 799.0	1984	1984-09 GPP
32	4.30	0.180	0.27	0.71	135	838	53	21 812	-916.4	1 716.7	1985	1997-12 GPP
32	8.50	0.080	0.25	0.86	121	864	60	19 163	-962.1	1 935.3	1991	1994-09 ABAND 1994
1 999	1.42	0.060	0.28	0.68	156	810	65	18 894	-995.1	1 939.8	1982	1994-12 GPP
64	5.20	0.160	0.55	0.89	40	830	40	10 758	-766.7	1 583.0	1983	1989-12 GPP
64	0.23	0.074	0.26	0.69	136	810	74	17 491	-1 040.4	1 984.8	1984	1986-08 ABAND 1986
64	1.35	0.120	0.26	0.68	150	810	74	17 764	-1 033.5	1 989.9	1983	1995-12 GPP
64	5.80	0.090	0.40	0.78	60	768	58	10 880	-856.1	1 731.6	1985	1996-12 GPP
64	1.40	0.150	0.20	0.71	150	810	82	17 551	-1 037.9	1 980.2	1986	1988-02 GPP
32	1.60	0.080	0.30	0.68	149	832	55	11 270	-893.5	1 742.6	1987	1996-07 GPP
16	1.00	0.100	0.30	0.68	149	826	82	16 891	-1 083.7	1 891.5	1990	1996-07 ABAND 1996
64	1.50	0.120	0.40	0.80	90	876	48	14 126	-806.1	1 630.5	1981	1989-12 GPP
16	9.40	0.110	0.40	0.80	88	829	64	13 153	-1 048.2	1 890.8	1981	1992-12 GPP
64	8.00	0.120	0.48	0.80	85	889	68	13 015	-792.6	1 602.5	1980	1984-12 GPP
392	5.79	0.116	0.41	0.71	110	871	66	12 137	-759.3	1 560.9	1982	1992-12 GPP
64	4.10	0.130	0.40	0.80	85	860	56	12 909	-1 026.4	1 870.9	1984	1988-12 ABAND 1997
484	4.61	0.120	0.23	0.79	92	850	52	13 105	-797.4	1 609.5	1984	1989-09 GPP
128	9.81	0.110	0.45	0.80	85	877	65	12 423	-975.6	1 777.3	1985	1995-04 ABAND 1995

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PEMBINA 048-07W5 (CONTINUED)								
GLAUCONITIC Y	152.0	0.10		15.2		15.2	8.6	6.6
GLAUCONITIC Z	130.0	0.05		6.5		6.5	2.2	4.3
GLAUCONITIC BB	326.0	0.04		13.0		13.0	7.0	6.0
GLAUCONITIC CC	170.0	<0.01		1.2		1.2	1.2	
GLAUCONITIC DD	43.6	0.10		4.4		4.4	2.9	1.5
GLAUCONITIC EE	65.4	0.05		3.3		3.3	2.4	0.9
GLAUCONITIC FF	62.1	0.10		6.2		6.2	2.9	3.3
GLAUCONITIC GG	36.8	0.20		7.4		7.4	6.3	1.1
GLAUCONITIC II	91.6	0.10		9.2		9.2	7.8	1.4
GLAUCONITIC KK	48.1	0.10		4.8		4.8	3.1	1.7
GLAUCONITIC OO	72.7	0.08		5.8		5.8	4.0	1.8
GLAUCONITIC RR	28.7	<0.01		0.2		0.2	0.2	
GLAUCONITIC TT	102.0	0.10		10.2		10.2	1.8	8.4
GLAUCONITIC F,L & M	126.0	0.10		12.6		12.6	5.9	6.7
OSTRACOD D	239.0	<0.04		8.4		8.4	8.4	
OSTRACOD E TOTAL	3 946.0			789.0	687.0	1 476.0	1 373.2	102.8
PRIMARY AREA	511.0	0.20		102.0		102.0		
WATER FLOOD AREA	3 435.0	0.20	0.20	687.0	687.0	1 374.0		
OSTRACOD F	185.0	0.20		37.0		37.0	30.4	6.6
OSTRACOD G TOTAL	437.0			76.6	24.0	101.0	97.7	3.3
PRIMARY AREA	36.5	<0.13		4.6		4.6		
GAS FLOOD AREA	400.0	0.18	0.06	72.0	24.0	96.0		
OSTRACOD H	23.4	<0.01		0.2		0.2	0.2	
OSTRACOD K	351.0	<0.06		19.1		19.1	19.1	
OSTRACOD M	103.0	<0.01		0.8		0.8	0.8	
OSTRACOD N	37.1	<0.01		0.1		0.1	0.1	
OSTRACOD O	46.0	<0.01		0.3		0.3	0.3	
OSTRACOD P	97.9	<0.09		8.4		8.4	8.4	
OSTRACOD Q	73.3	0.15		11.0		11.0	3.0	8.0
OSTRACOD R	142.0	0.10		14.2		14.2	4.2	10.0
OSTRACOD W	41.9	0.10		4.2		4.2	1.0	3.2
OSTRACOD Y	81.7	0.10		8.2		8.2	1.4	6.8
OSTRACOD V &	92.4	0.10		9.2		9.2	1.9	7.3
JURASSIC I								
ELLERSLIE A	841.0	0.26		219.0		219.0	216.3	2.7
ELLERSLIE D	155.0	0.10		15.5		15.5	2.4	13.1
ELLERSLIE I	129.0	<0.04		5.0		5.0	5.0	
ELLERSLIE L	266.0	<0.01		0.2		0.2	0.2	
ELLERSLIE N	28.2	<0.01		0.2		0.2	0.2	
ELLERSLIE O	246.0	<0.01		0.1		0.1	0.1	
ELLERSLIE P	17.9	<0.01		0.1		0.1	0.1	
ELLERSLIE R	285.0	0.04		11.4		11.4	7.9	3.5
ELLERSLIE T	30.9	0.25		7.7		7.7	2.9	4.8
ELLERSLIE V	41.3	0.15		6.2		6.2	5.5	0.7
ELLERSLIE W	45.6	<0.02		0.8		0.8	0.8	
ELLERSLIE X	33.7	<0.01		0.1		0.1	0.1	
ELLERSLIE GG	190.0	0.15		28.5		28.5	7.6	20.9
ELLERSLIE HH	108.0	0.15		16.2		16.2	5.0	11.2
ELLERSLIE LL	146.0	0.10		14.6		14.6	4.3	10.3
ELLERSLIE MM	65.7	0.10		6.6		6.6	1.5	5.1
ELLERSLIE SS	39.1	0.10		3.9		3.9	0.2	3.7
ELLERSLIE WW	112.0	0.10		11.2		11.2	1.2	10.0
ELLERSLIE VV	59.9	0.20		12.0		12.0	2.1	9.9
ELLERSLIE F	227.0	<0.01		0.2		0.2	0.2	
JURASSIC C & D								
ELLERSLIE G,K,M &	3 406.0	0.04		136.0		136.0	121.6	14.4
JURASSIC E								
ELLERSLIE EE &	68.4	0.05		3.4		3.4	0.2	3.2
JURASSIC HHH								
ELLERSLIE CC &	638.0	0.10		63.8		63.8	24.3	39.5
JURASSIC FFF								
ELLERSLIE CCC &	402.0	0.03		12.1		12.1	10.2	1.9
JURASSIC O								
ELLERSLIE BBB	44.7	0.15		6.7		6.7	0.3	6.4
JURASSIC A	1 487.0	0.05		74.4		74.4	20.9	53.5
JURASSIC B	242.0	0.10		24.2		24.2	18.5	5.7
JURASSIC F	438.0	0.02		8.8		8.8	4.4	4.4
JURASSIC G	95.7	0.10		9.6		9.6	1.8	7.8
JURASSIC H	296.0	<0.01		0.2		0.2	0.2	
JURASSIC J	408.0	0.04		16.3		16.3	10.6	5.7
JURASSIC K	300.0	0.10		30.0		30.0	23.5	6.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	3.20	0.130	0.26	0.77	95	866	62	12 527	-811.4	1 643.0	1986	1987-04 GPP
120	1.50	0.120	0.25	0.80	92	850	52	13 230	-798.0	1 609.4	1985	1992-12 GPP
64	8.48	0.100	0.25	0.80	75	868	57	12 546	-811.6	1 675.0	1986	1996-08 GPP
32	9.00	0.120	0.36	0.77	95	866	62	13 677	-782.6	1 552.7	1988	1994-11 ABAND 1993
16	5.20	0.100	0.32	0.77	95	866	62	12 090	-802.7	1 639.2	1987	1998-12 GPP
16	6.44	0.103	0.20	0.77	95	866	62	13 766	-794.9	1 614.0	1987	1998-12 GPP
64	1.80	0.110	0.29	0.69	140	856	64	18 772	-959.0	1 834.5	1981	1989-02 GPP
64	1.01	0.100	0.28	0.79	92	850	52	12 650	-802.0	1 628.5	1987	1993-12 GPP
64	2.10	0.112	0.21	0.77	95	866	62	12 877	-790.3	1 594.0	1987	1989-10
32	2.20	0.110	0.27	0.85	62	861	61	13 595	-771.3	1 556.9	1990	1998-12 GPP
8	9.20	0.140	0.15	0.83	100	863	65	13 966	-1 149.9	2 043.5	1994	1998-12 GPP
16	3.25	0.130	0.50	0.85	67	892	49	13 496	-898.7	1 668.2	1994	1998-05 ABAND 1998
16	7.50	0.140	0.21	0.77	95	867	62	13 264	-761.2	1 549.5	1996	1997-09
64	2.63	0.120	0.21	0.79	75	876	60	12 670	-811.8	1 629.1	1980	1989-09 GPP
336	1.83	0.090	0.40	0.72	160	839	49	19 191	-955.1	1 738.1	1975	1996-07
3 625					123	840	57	15 998	-812.2	1 611.0	1979	1998-02
496	1.10	0.160	0.22	0.75								
3 129	1.22	0.160	0.25	0.75								GPP
64	3.98	0.120	0.16	0.72	140	840	64	15 856	-791.7	1 579.8	1980	1997-12 GPP
1 034					105	810	57	15 158	-945.8	1 740.8	1979	1996-05 GPP
64	1.10	0.100	0.27	0.71								
970	0.83	0.100	0.30	0.71								
64	0.70	0.110	0.34	0.72	140	840	48	14 086	-811.0	1 626.2	1981	1982-08 GPP
64	5.80	0.150	0.16	0.75	109	888	64	13 347	-800.4	1 591.1	1982	1996-07 GPP
64	2.80	0.150	0.50	0.77	99	910	60	6 898	-867.9	1 665.8	1984	1988-12 ABAND 1989
64	1.10	0.120	0.43	0.77	99	879	60	16 830	-931.2	1 673.4	1984	1985-06 ABAND 1985
64	1.60	0.110	0.44	0.73	120	793	58	14 073	-809.0	1 620.8	1980	1985-08 ABAND 1990
64	1.50	0.150	0.15	0.80	82	860	62	14 429	-981.8	1 857.8	1990	1995-11 ABAND 1995
64	1.50	0.140	0.38	0.88	82	859	62	14 914	-926.8	1 725.9	1990	1992-02 GPP
64	3.30	0.130	0.40	0.86	100	903	47	14 855	-920.5	1 725.5	1991	1992-02 GPP
16	3.20	0.140	0.27	0.80	82	859	62	15 795	-1 131.3	2 009.4	1995	1996-07 GPP
32	2.50	0.140	0.11	0.82	67	820	63	18 029	-1 427.2	2 441.3	1978	1997-06
64	2.10	0.100	0.21	0.87	60	875	63	17 090	-1 244.2	2 197.1	1994	1995-09 GPP
350	2.90	0.140	0.20	0.74	115	865	69	15 684	-927.9	1 776.7	1957	1995-12
64	4.80	0.090	0.30	0.80	99	832	46	17 873	-1 363.3	2 323.3	1978	1995-12
64	2.80	0.130	0.25	0.74	116	863	67	15 307	-812.5	1 563.6	1983	1992-07 ABAND 1992
64	6.90	0.134	0.40	0.75	110	860	60	16 966	-1 206.3	2 075.9	1984	1985-01 ABAND 1985
64	1.20	0.070	0.30	0.75	115	855	60	21 200	-1 365.0	2 243.3	1985	1989-12
64	6.10	0.129	0.34	0.74	110	870	55	16 050	-917.3	1 688.1	1987	1988-01 ABAND 1988
16	1.40	0.130	0.24	0.81	75	895	64	17 678	-852.0	1 766.9	1988	1992-10
64	7.60	0.120	0.34	0.74	116	864	67	17 207	-1 215.4	2 136.2	1990	1996-08
43	0.84	0.150	0.23	0.74	116	864	67	15 771	-942.9	1 772.6	1976	1992-12 GPP
32	1.32	0.150	0.12	0.74	98	857	67	13 537	-942.7	1 782.9	1957	1993-05 GPP
16	4.00	0.130	0.27	0.75	120	900	52	14 458	-759.2	1 558.0	1980	1996-07 ABAND 1997
32	1.80	0.100	0.21	0.74	116	864	67	14 943	-944.3	1 788.8	1993	1995-08 ABAND 1995
64	4.25	0.150	0.37	0.74	116	864	67	15 706	-918.2	1 746.2	1995	1996-10 GPP
128	2.00	0.080	0.29	0.74	116	864	67	16 553	-1 056.1	1 910.0	1994	1998-11
64	2.00	0.170	0.17	0.81	89	873	50	15 988	-867.8	1 779.6	1995	1997-06 GPP
32	3.40	0.120	0.32	0.74	115	864	67	14 237	-1 043.8	1 867.6	1995	1996-10 GPP
64	1.40	0.130	0.60	0.84	75	905	48	15 843	-943.8	1 710.8	1997	1997-09
32	5.20	0.120	0.24	0.74	119	832	76	17 192	-1 293.3	2 210.5	1997	1998-07
64	1.30	0.120	0.20	0.75	235	745	80			2 355.6	1997	1998-11
64	6.13	0.120	0.30	0.69	155	850	50	14 994	-1 263.9	2 130.5	1981	1983-03 ABAND 1995
1 100	4.90	0.140	0.39	0.74	99	870	60	15 760	-943.3	1 707.7	1982	1994-12 GPP
16	5.50	0.140	0.25	0.74	105	815	70	17 573	-1 164.2	2 023.2	1995	1995-10
192	4.27	0.140	0.33	0.83	100	863	65	18 526	-1 174.9	2 041.8	1994	1996-05 GPP
128	7.00	0.100	0.32	0.66	176	828	79	18 313	-1 312.3	2 278.2	1985	1998-08 GPP
64	1.50	0.090	0.32	0.76	114	865	67			1 988.0	1997	1998-06
318	7.59	0.110	0.30	0.80	91	870	37	19 645	-1 339.0	2 285.5	1979	1998-12 GPP
64	5.20	0.130	0.30	0.80	80	848	78	19 659	-1 356.9	2 277.1	1980	1982-11 GPP
128	6.09	0.090	0.22	0.80	176	830	79	16 604	-1 413.6	2 383.6	1982	1986-12 GPP
64	4.00	0.085	0.45	0.80	83	896	70	13 349	-1 193.2	2 082.0	1982	1983-11 GPP
64	7.40	0.120	0.35	0.80	90	895	51	11 142	-964.6	1 753.2	1978	1992-10
303	2.49	0.130	0.48	0.80	92	865	50	15 701	-932.7	1 736.7	1983	1996-08
64	5.25	0.162	0.31	0.80	176	826	79	20 098	-1 299.4	2 263.3	1985	1985-11 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PEMBINA 048-07W5 (CONTINUED)								
JURASSIC L	76.8	<0.01		0.1		0.1	0.1	*
JURASSIC M	209.0	<0.01		0.9		0.9	0.9	
JURASSIC N	556.0	0.05		27.8		27.8	25.4	2.4
JURASSIC O	45.0	<0.02		0.5		0.5	0.5	
JURASSIC R	949.0	0.10		94.9		94.9	81.7	13.2
JURASSIC S	106.0	0.06		6.4		6.4	2.0	4.4
JURASSIC T	92.5	<0.09		8.0		8.0	8.0	
JURASSIC U	94.7	<0.01		0.1		0.1	0.1	
JURASSIC V	167.0	0.10		16.7		16.7	15.8	0.9
JURASSIC Y	89.9	<0.02		1.1		1.1	1.1	
JURASSIC Z	165.0	0.05		8.3		8.3	6.7	1.6
JURASSIC CC	423.0	0.03		12.7		12.7	12.5	0.2
JURASSIC FF	401.0	0.15		60.2		60.2	43.3	16.9
JURASSIC KK	72.2	0.07		5.1		5.1	4.6	0.5
JURASSIC NN	161.0	0.07		11.3		11.3	4.6	6.7
JURASSIC PP	84.9	0.10		8.5		8.5	3.6	4.9
JURASSIC QQ	36.4	0.16		5.8		5.8	4.4	1.4
JURASSIC RR	89.4	<0.02		1.2		1.2	1.2	
JURASSIC VV	178.0	0.10		17.8		17.8	2.5	15.3
JURASSIC XX	86.5	0.05		4.3		4.3	1.1	3.2
JURASSIC LLL	73.6	0.10		7.4		7.4	0.3	7.1
JURASSIC QQQ	191.0	0.15		28.7		28.7	4.1	24.6
JURASSIC SSS	33.8	0.10		3.4		3.4	0.2	3.2
PEKISKO A	118.0	<0.12		13.8		13.8	13.8	
PEKISKO B	98.6	<0.02		1.6		1.6	1.6	
PEKISKO C	930.0	0.30		279.0		279.0	56.8	222.2
PEKISKO D	161.0	0.05		8.1		8.1	0.2	7.9
PEKISKO E	91.8	0.20		18.4		18.4	4.3	14.1
BANFF A	176.0	<0.01		0.6		0.6	0.6	
BANFF B	131.0	<0.01		0.1		0.1	0.1	
BANFF C	104.0	<0.01		0.1		0.1	0.1	
BANFF H	98.3	<0.01		0.1		0.1	0.1	
BANFF L	97.1	0.10		9.7		9.7	2.6	7.1
BLUERIDGE A	575.0	<0.09		50.3		50.3	50.3	
BLUERIDGE B	364.0	<0.01		1.3		1.3	1.3	
BLUERIDGE C	199.0	<0.02		2.8		2.8	2.8	
BLUERIDGE D	410.0	0.15		61.5		61.5	44.7	16.8
NISKU A	3 000.0	0.40	0.41	1 200.0	1 230.0	2 430.0	2 338.6	91.4
SOLVENT FLOOD								
NISKU B WATER FLOOD	121.0	0.30	0.20	36.3	24.2	60.5	39.2	21.3
NISKU C WATER FLOOD	1 500.0	0.30	0.32	450.0	480.0	930.0	893.7	36.3
NISKU D	5 000.0	0.40	0.40	2 000.0	2 000.0	4 000.0	3 836.1	163.9
SOLVENT FLOOD								
NISKU E TOTAL	912.0			182.0	175.0	357.0	289.3	67.7
PRIMARY AREA	212.0	0.20		42.4		42.4		
WATER FLOOD AREA	700.0	0.20	0.25	140.0	175.0	315.0		
NISKU F	2 100.0	0.35	0.26	735.0	565.0	1 300.0	1 002.2	297.8
SOLVENT FLOOD								
NISKU G	2 650.0	0.40	0.47	1 060.0	1 246.0	2 306.0	2 107.9	198.1
SOLVENT FLOOD								
NISKU H WATER FLOOD	450.0	0.23	0.22	104.0	99.0	203.0	156.6	46.4
NISKU I WATER FLOOD	750.0	0.23	0.30	173.0	225.0	398.0	369.4	28.6
NISKU J WATER FLOOD	1 200.0	0.35	0.12	420.0	144.0	564.0	508.1	55.9
NISKU K	2 600.0	0.40	0.48	1 040.0	1 248.0	2 288.0	2 211.4	76.6
SOLVENT FLOOD								
NISKU L	5 000.0	0.25	0.57	1 250.0	2 850.0	4 100.0	3 878.1	221.9
SOLVENT FLOOD								
NISKU M	3 000.0	0.40	0.40	1 200.0	1 200.0	2 400.0	2 221.6	178.4
SOLVENT FLOOD								
NISKU N WATER FLOOD	1 600.0	0.35	0.35	560.0	560.0	1 120.0	798.0	322.0
NISKU O	1 900.0	0.40	0.36	760.0	684.0	1 444.0	1 325.6	118.4
SOLVENT FLOOD								
NISKU P	4 250.0	0.40	0.41	1 700.0	1 743.0	3 443.0	3 319.7	123.3
SOLVENT FLOOD								
NISKU Q	2 800.0	0.40	0.43	1 120.0	1 230.0	2 350.0	1 745.9	604.1
SOLVENT FLOOD								
NISKU R WATER FLOOD	450.0	0.30	0.25	135.0	113.0	248.0	228.2	19.8
NISKU S WATER FLOOD	830.0	0.40	0.20	332.0	166.0	498.0	458.5	39.5
NISKU T WATER FLOOD	800.0	0.10	0.10	80.0	80.0	160.0	99.8	60.2
NISKU U	72.5	0.10		7.3		7.3	5.1	2.2
NISKU V	41.8	<0.06		2.3		2.3	2.3	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.00	0.150	0.50	0.80	80	860	60	16 936	-1 145.2	1 958.5	1984	1984-01 ABAND 1992
64	4.50	0.145	0.41	0.85	92	895	55	15 989	-980.5	1 770.8	1985	1986-05 ABAND 1987
315	2.83	0.130	0.40	0.80	90	885	44	15 823	-997.0	1 795.1	1986	1992-08 GPP
16	7.50	0.086	0.34	0.66	176	828	79	20 102	-1 330.8	2 273.3	1985	1996-07 GPP
326	3.37	0.180	0.40	0.80	90	871	60	15 898	-1 004.3	1 794.5	1986	1988-03 GPP
32	6.72	0.087	0.29	0.80	176	828	79	22 126	-1 335.9	2 264.0	1987	1996-08 GPP
32	2.70	0.180	0.15	0.70	140	810	79	17 422	-1 476.3	2 490.4	1978	1998-12 GPP
64	2.30	0.130	0.25	0.66	176	828	79	17 422	-1 477.8	2 454.7	1986	1988-09 ABAND 1989
64	5.50	0.120	0.40	0.66	176	828	79	17 296	-1 458.4	2 512.8	1981	1988-11 GPP
16	6.00	0.180	0.35	0.80	77	895	63	16 772	-1 053.3	1 920.3	1989	1996-07 GPP
32	9.30	0.100	0.25	0.74	120	829	78	16 819	-1 295.2	2 219.8	1989	1996-08 GPP
64	14.00	0.090	0.30	0.75	99	832	46	18 058	-1 370.4	2 319.5	1980	1984-12 GPP
128	4.14	0.140	0.27	0.74	120	829	78	16 805	-1 291.9	2 252.2	1990	1991-10 GPP
16	6.80	0.130	0.31	0.74	120	739	78	19 301	-1 376.2	2 349.1	1991	1998-12 GPP
64	5.67	0.080	0.29	0.78	92	853	77	17 962	-1 358.5	2 311.5	1991	1996-08 GPP
32	6.40	0.080	0.30	0.74	120	829	78	17 607	-1 376.9	2 338.0	1991	1993-01 GPP
100	1.02	0.090	0.40	0.66	176	828	79	20 726	-1 457.5	2 476.3	1988	1997-12 GPP
64	3.22	0.090	0.27	0.66	176	828	79	19 245	-1 469.8	2 455.8	1988	1998-11 ABAND 1996
64	5.60	0.100	0.33	0.74	120	828	78	16 306	-1 249.7	2 146.7	1993	1994-04 GPP
16	5.20	0.210	0.45	0.90	74	933	60	15 228	-988.9	1 767.3	1994	1997-12 GPP
64	2.40	0.090	0.25	0.71	150	844	58	20 552	-1 310.1	2 117.9	1996	1996-07 GPP
64	8.40	0.100	0.50	0.71	136	816	77	-1 337.3	2 254.7	1997	1998-01 GPP	
32	1.50	0.110	0.19	0.79	90	880	80	2 365.8	1997	1998-07 GPP		
65	1.83	0.150	0.20	0.83	53	910	88	19 404	-1 054.9	1 868.4	1960	1964-04 ABAND 1974
32	6.10	0.094	0.36	0.84	61	915	65	14 581	-1 084.6	1 910.4	1986	1987-05 ABAND 1989
286	3.33	0.140	0.17	0.84	61	915	65	16 827	-1 183.7	1 958.2	1996	1997-12 GPP
64	4.00	0.110	0.32	0.84	61	915	65	16 759	-1 176.6	2 008.0	1996	1997-03 GPP
64	3.00	0.110	0.45	0.79	89	869	72	1 991.3	1996	1998-04 GPP		
16	10.00	0.200	0.32	0.81	75	880	60	17 154	-837.4	1 641.0	1981	1996-12 ABAND 1983
16	9.00	0.150	0.25	0.81	88	866	32	18 780	-817.6	1 585.4	1983	1992-11 ABAND 1983
64	3.06	0.113	0.42	0.81	84	866	56	17 386	-868.3	1 689.8	1984	1985-07 ABAND 1989
64	2.00	0.120	0.21	0.81	88	866	56	18 407	-1 055.1	1 932.0	1979	1990-07 ABAND 1990
32	3.00	0.160	0.20	0.79	100	858	53	16 925	-899.6	1 811.5	1995	1997-01 GPP
128	15.10	0.065	0.25	0.61	138	816	83	25 726	-1 689.5	2 603.0	1977	1991-10 ABAND 1990
64	22.10	0.050	0.22	0.66	162	811	83	17 451	-1 839.8	2 796.0	1979	1981-01 ABAND 1983
64	11.80	0.050	0.20	0.66	162	790	83	19 431	-1 778.3	2 712.5	1979	1984-12 ABAND 1985
64	30.20	0.059	0.41	0.61	210	829	84	22 739	-1 682.1	2 587.3	1981	1982-04 GPP
105	68.69	0.080	0.20	0.65	185	806	100	33 992	-2 035.2	3 007.9	1977	1998-12 GPP
34	10.67	0.090	0.26	0.50	318	780	99	30 333	-1 953.3	2 911.3	1977	1993-12 GPP
145	12.88	0.130	0.13	0.71	145	825	84	26 335	-1 727.4	2 640.9	1977	1998-12 GPP
150	38.58	0.120	0.10	0.80	140	841	82	25 859	-1 700.9	2 579.5	1978	1997-12 GPP
93	22.80	0.090	0.09	0.71	121	834	84	28 237	-1 768.1	2 722.2	1977	1997-12 GPP
77	40.00	0.040	0.20	0.71								GPP
170	16.66	0.119	0.18	0.76	89	852	83	26 457	-1 676.5	2 550.4	1978	1988-04 GPP
198	32.17	0.080	0.20	0.65	123	810	96	28 737	-1 958.0	2 906.6	1978	1998-12 GPP
76	10.12	0.095	0.12	0.70	148	833	89	27 382	-1 826.9	2 759.8	1978	1994-12 GPP
53	54.45	0.047	0.21	0.70	115	811	94	26 628	-1 947.2	2 908.0	1978	1998-12 GPP
69	52.40	0.066	0.25	0.67	142	809	90	27 891	-1 859.6	2 790.6	1978	1980-09 GPP
51	73.06	0.127	0.18	0.67	147	808	92	29 167	-1 933.6	2 889.9	1978	1998-12 GPP
253	30.12	0.105	0.12	0.71	124	821	93	28 737	-1 931.1	2 882.0	1978	1985-09 GPP
80	68.65	0.087	0.09	0.69	140	820	92	28 561	-1 902.4	2 842.7	1978	1997-12 GPP
85	29.13	0.110	0.11	0.66	164	809	88	27 760	-1 837.3	2 774.5	1979	1998-12 GPP
140	21.06	0.118	0.16	0.65	148	809	88	31 054	-1 886.3	2 842.1	1979	1997-12 GPP
170	42.34	0.103	0.09	0.63	186	800	93	29 019	-1 969.4	2 905.6	1979	1998-12 GPP
122	33.86	0.098	0.09	0.76	150	819	91	28 700	-1 934.2	2 880.5	1980	1985-05 GPP
64	12.23	0.095	0.11	0.68	148	827	89	27 376	-1 826.0	2 762.4	1980	1992-12 GPP
42	35.00	0.096	0.16	0.70	127	831	84	26 599	-1 726.8	2 632.0	1981	1992-12 GPP
90	21.80	0.060	0.15	0.80	121	834	84	26 659	-1 726.0	2 662.4	1988	1994-12 GPP
16	16.50	0.050	0.18	0.67	166	807	88	21 927	-1 804.1	2 704.5	1989	1991-12 GPP
64	2.60	0.050	0.25	0.67	166	807	88	23 386	-1 795.4	2 685.6	1988	1992-10 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PEMBINA 048-07W5 (CONTINUED)								
NISKU W	40.7	<0.05		1.9		1.9	1.9	*
NISKU X	90.8	0.20		18.2		18.2	9.1	9.1
NISKU Z	369.0	0.40		148.0		148.0	73.2	74.8
NISKU AA	134.0	0.15		20.1		20.1	7.5	12.6
FIELD TOTAL *	1 322 109.1			145 578.5	134 990.2	280 565.1	237 625.8	42 939.3
PENDANT D'OREILLE 003-08W4								
MANNVILLE F	170.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	170.0			0.2		0.2	0.2	
PENHOLD 036-27W4								
VIKING A	125.0	<0.03		3.7		3.7	3.7	
VIKING B	681.0	0.13		88.5		88.5	84.0	4.5
VIKING C	40.4	<0.01		0.1		0.1	0.1	
VIKING D	83.9	<0.01		0.4		0.4	0.4	
VIKING E	709.0	<0.02		11.7		11.7	11.7	
VIKING G	38.1	<0.12		4.3		4.3	4.3	
UPPER MANNVILLE A	66.7	0.10		6.7		6.7	4.4	2.3
LOWER MANNVILLE A	1 490.0	<0.05		62.0		62.0	60.3	1.7
LOWER MANNVILLE D	103.0	0.05		5.2		5.2	3.0	2.2
LOWER MANNVILLE F	76.9	0.13		10.0		10.0	8.7	1.3
LOWER MANNVILLE K	199.0	0.10		19.9		19.9	8.0	11.9
LOWER MANNVILLE P	244.0	<0.03		6.0		6.0	6.0	
LOWER MANNVILLE E & H	296.0	0.05		14.8		14.8	12.6	2.2
D-2 A	408.0	<0.03		10.1		10.1	10.1	
D-2 B	81.3	0.10		8.1		8.1	8.1	
D-3 A	183.0	<0.02		3.4		3.4	3.4	
FIELD TOTAL	4 825.3			254.9		254.9	228.8	26.1
PEORIA 076-01W6								
CHARLIE LAKE A	156.0	0.20		31.2		31.2	11.1	20.1
D-1 A	519.0	<0.01		4.3		4.3	4.3	
D-1 B	106.0	<0.02		1.2		1.2	1.2	
D-1 C	128.0	<0.04		4.8		4.8	4.8	
FIELD TOTAL	909.0			41.5		41.5	21.4	20.1
PICA 084-04W6								
BELLOY A	108.0	<0.06		5.9		5.9	5.9	
FIELD TOTAL	108.0			5.9		5.9	5.9	
PINCHER CREEK 005-30W4								
LOWER MANNVILLE A	377.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	377.0			0.2		0.2	0.2	
PINE CREEK 057-19W5								
BELLY RIVER A	87.0	<0.01		0.6		0.6	0.6	
BELLY RIVER B	106.0	<0.02		1.3		1.3	1.3	
CARDIUM L	64.6	0.15		9.7		9.7	8.1	1.6
CARDIUM N	151.0	0.10		15.1		15.1	8.9	6.2
CARDIUM O	78.4	<0.03		2.1		2.1	2.1	
CARDIUM Q	14.7	0.09		1.3		1.3	1.2	0.1
CARDIUM T	30.1	<0.01		0.2		0.2	0.2	
CARDIUM U	32.8	<0.08		2.6		2.6	2.6	
CARDIUM V	25.0	0.20		5.0		5.0	4.0	1.0
CARDIUM W	50.9	0.10		5.1		5.1	0.7	4.4
CARDIUM X	106.0	0.15		15.9		15.9	0.7	15.2
CARDIUM Y	131.0	0.10		13.1		13.1	1.2	11.9
CARDIUM H & I	6 100.0	0.07		427.0		427.0	374.4	52.6
CARDIUM J & K	22.8	0.10		2.3		2.3	2.3	
CARDIUM P & S	389.0	0.10		38.9		38.9	30.5	8.4
SECOND WHITE SPECKS A	2 860.0	0.11		315.0		315.0	298.1	16.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	7.70	0.070	0.25	0.63	172	808	96	23 330	-1 796.2	2 676.0	1988	1996-07
64	5.70	0.050	0.21	0.63	172	808	96	28 257	-1 913.7	2 851.0	1991	1992-02 GPP
150	10.50	0.100	0.10	0.26	465	800	92	27 042	-2 081.9	3 021.8	1994	1997-05
32	10.70	0.060	0.14	0.76	83	841	82	21 886	-1 509.0	2 399.1	1996	1998-06 GPP
65	2.44	0.200	0.35	0.83	80	855	38	8 288	22.0	910.8	1969	1970-09 ABAND 1970
64	3.13	0.110	0.30	0.81	78	849	51	8 654	-796.8	1 680.4	1976	1979-09 GPP
1 078	1.25	0.100	0.36	0.79	65	850	55	9 234	-782.0	1 699.3	1981	1996-08
64	1.50	0.130	0.60	0.81	66	812	68	9 800	-730.0	1 686.3	1983	1984-09 ABAND 1984
64	1.30	0.180	0.30	0.80	76	820	66	10 569	-721.6	1 678.4	1982	1984-12 ABAND 1985
256	5.02	0.100	0.31	0.80	76	837	60	10 306	-800.7	1 710.7	1981	1996-07 GPP
64	1.50	0.070	0.30	0.81	60	831	64	10 340	-806.4	1 714.5	1986	1994-12 ABAND 1994
64	1.50	0.110	0.19	0.78	91	879	70	14 047	-964.9	1 860.1	1988	1988-08 GPP
231	7.40	0.130	0.14	0.78	91	877	69	14 807	-985.8	1 884.4	1960	1998-12 GPP
32	4.00	0.120	0.14	0.78	91	830	69	16 176	-1 013.3	1 987.8	1986	1996-08 GPP
64	2.30	0.100	0.33	0.78	91	830	69	13 482	-1 058.6	2 035.4	1986	1993-12 GPP
64	3.20	0.160	0.22	0.78	91	879	69	14 056	-903.6	1 833.5	1991	1991-12 GPP
64	5.48	0.110	0.19	0.78	91	877	69	14 530	-1 013.4	1 919.6	1958	1975-12 ABAND 1964
192	2.08	0.130	0.27	0.78	91	847	69	13 008	-1 011.0	1 979.3	1985	1996-08 GPP
192	6.40	0.060	0.21	0.70	160	805	82	21 145	-1 348.4	2 302.1	1961	1983-07 ABAND 1984
32	9.04	0.055	0.28	0.71	154	806	83	21 193	-1 371.0	2 303.0	1985	1991-10 ABAND 1990
65	5.18	0.109	0.17	0.60	217	825	77	20 452	-1 366.3	2 312.4	1968	1975-12
174	0.60	0.220	0.17	0.82	84	840	49	12 082	-641.6	1 162.9	1995	1997-03 GPP
16	108.30	0.050	0.19	0.74	114	875	62	24 387	-1 720.5	2 350.2	1989	1994-02 ABAND 1991
16	20.50	0.050	0.22	0.83	62	849	61	21 701	-1 678.3	2 311.2	1989	1996-07 GPP
16	36.90	0.040	0.27	0.74	114	874	62	23 474	-1 654.1	2 298.5	1984	1996-07 ABAND 1996
64	1.50	0.200	0.30	0.80	66	830	37	9 837	-508.6	1 199.3	1993	1995-11 ABAND 1995
64	11.80	0.120	0.46	0.77	95	845	65	16 046	-1 469.9	2 914.3	1983	1991-12 ABAND 1991
64	1.80	0.130	0.30	0.83	68	837	55	7 928	-257.0	1 483.5	1957	1992-10
32	5.00	0.160	0.50	0.83	64	812	50	11 727	-425.3	1 476.3	1986	1996-05 ABAND 1996
64	2.20	0.087	0.15	0.62	190	821	60	19 864	-827.3	1 801.7	1980	1993-12 GPP
64	3.20	0.150	0.30	0.70	135	820	65	20 082	-821.8	1 785.5	1981	1982-02 GPP
32	4.20	0.120	0.36	0.76	185	793	86	21 820	-906.0	1 956.5	1985	1998-11 ABAND 1996
32	1.90	0.053	0.35	0.70	167	802	73	19 953	-895.6	2 200.2	1986	1997-12 GPP
64	0.80	0.120	0.30	0.70	180	795	71	18 949	-745.6	1 935.4	1984	1992-03 ABAND 1991
16	2.20	0.180	0.25	0.69	148	822	64	20 058	-818.1	1 755.5	1990	1996-07 GPP
121	0.46	0.100	0.30	0.64	185	793	86	21 646	-862.6	1 875.5	1988	1989-12 GPP
32	2.00	0.110	0.15	0.85	101	810	63	21 489	-842.4	1 819.0	1959	1995-09
64	3.00	0.120	0.34	0.70	148	822	64	22 272	-918.0	1 940.9	1994	1997-01
64	3.00	0.120	0.25	0.76	102	805	66			1 924.5	1997	1998-06
4 160	2.24	0.110	0.15	0.70	167	805	68	22 093	-893.8	1 890.9	1974	1991-12 GPP
64	1.20	0.050	0.15	0.70	150	824	64	22 789	-945.1	2 045.1	1980	1995-01 ABAND 1994
960	1.37	0.070	0.34	0.64	185	793	86	22 106	-880.9	2 133.0	1981	1989-03 GPP
1 066	10.00	0.042	0.10	0.71	127	815	77	26 935	-1 047.7	2 275.0	1973	1995-07 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PINE CREEK 057-19W5 (CONTINUED)								
SECOND WHITE SPECKS C	96.0	<0.06		4.9		4.9	4.9	
SECOND WHITE SPECKS D	383.0	0.15		57.5		57.5	51.7	5.8
SECOND WHITE SPECKS E	339.0	0.12		40.7		40.7	36.0	4.7
SECOND WHITE SPECKS F	894.0	<0.01		8.6		8.6	8.6	
GETHING G	92.8	0.10		9.3		9.3	0.7	8.6
GETHING H	124.0	0.10		12.4		12.4	0.6	11.8
DEBOLT A	135.0	0.15		20.3		20.3	2.6	17.7
D-3 C	113.0	<0.28		31.5		31.5	31.5	
FIELD TOTAL	12 426.1			1 040.4		1 040.4	873.5	166.9
PINEDALE 054-16W4								
VIKING A	70.5	<0.01		0.1		0.1	0.1	
FIELD TOTAL	70.5			0.1		0.1	0.1	
POUCE COUPE 080-12W6								
CHARLIE LAKE A	114.0	<0.01		0.3		0.3	0.3	
BOUNDARY A	132.0	<0.01		0.1		0.1	0.1	
HALFWAY A	153.0	<0.01		0.1		0.1	0.1	
HALFWAY B	124.0	0.05		6.2		6.2	0.3	5.9
HALFWAY C	1 072.0	0.07		75.0		75.0	61.0	14.0
HALFWAY D & DOIG A	357.0	0.06		21.4		21.4	12.0	9.4
FIELD TOTAL	1 952.0			103.1		103.1	73.8	29.3
POUCE COUPE SOUTH 078-12W6								
BALDONNEL C	294.0	0.10		29.4		29.4	12.3	17.1
BALDONNEL D	183.0	0.10		18.3		18.3	0.3	18.0
CHARLIE LAKE D	216.0	0.20		43.2		43.2	10.6	32.6
BOUNDARY B TOTAL	9 078.0			1 016.0	740.0	1 756.0	1 181.0	575.0
PRIMARY AREA	2 343.0	0.11		258.0		258.0		
WATER FLOOD AREA	6 735.0	<0.12	0.11	758.0	740.0	1 498.0		
BOUNDARY C	133.0	0.12		16.0		16.0	15.8	0.2
BOUNDARY D	67.8	<0.03		1.5		1.5	1.5	
BOUNDARY E	113.0	0.10		11.3		11.3	9.0	2.3
BOUNDARY F	125.0	0.10		12.5		12.5	7.5	5.0
BOUNDARY H	327.0	0.25		81.8		81.8	57.5	24.3
BOUNDARY I	246.0	0.10		24.6		24.6	17.8	6.8
BOUNDARY J	61.5	<0.01		0.4		0.4	0.4	
BOUNDARY K	606.0	0.15		90.9		90.9	50.5	40.4
BOUNDARY L	109.0	0.20		21.8		21.8	10.5	11.3
BOUNDARY M	170.0	0.10		17.0		17.0	6.7	10.3
BOUNDARY N	168.0	0.10		16.8		16.8	4.9	11.9
BOUNDARY O	133.0	0.10		13.3		13.3	2.0	11.3
BDY A & CH LK B TOTAL	3 372.0			219.0	170.0	389.0	271.4	117.6
PRIMARY AREA	2 374.0	0.05	0.17	119.0		119.0		
WATER FLOOD AREA	998.0	0.10		99.8	170.0	270.0		
HALFWAY C	680.0	0.15		102.0		102.0	30.5	71.5
HALFWAY F	102.0	0.05		5.1		5.1	0.7	4.4
HALFWAY H & DOIG G	541.0	0.10		54.1		54.1	5.0	49.1
DOIG C	54.8	<0.10		5.4		5.4	5.4	
DOIG E	41.4	0.20		8.3		8.3	4.2	4.1
DOIG I	29.8	0.10		3.0		3.0	0.4	2.6
FIELD TOTAL	16 851.3			1 811.7	910.0	2 721.7	1 705.9	1 015.8
PREVO 039-01W5								
VIKING A	180.0	0.20		36.0		36.0	34.4	1.6
VIKING B	64.5	0.20		12.9		12.9	10.0	2.9
VIKING D	56.8	0.35		19.9		19.9	13.4	6.5
VIKING E	24.4	0.22		5.4		5.4	4.6	0.8
VIKING G	64.6	<0.07		4.2		4.2	4.2	
UPPER MANNVILLE B	1 200.0	0.15		180.0		180.0	129.0	51.0
UPPER MANNVILLE E	810.0	0.10		81.0		81.0	70.1	10.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	6.50	0.200	0.35	0.71	140	833	63	26 352	-913.5	1 878.5	1981	1996-07 GPP
80	15.00	0.050	0.10	0.71	123	839	79	17 432	-1 063.5	2 051.7	1987	1994-12 GPP
64	20.00	0.042	0.10	0.70	127	817	77	16 431	-1 029.3	2 010.5	1988	1997-12 GPP
128	15.40	0.070	0.19	0.80	78	806	68	20 654	-909.8	1 868.6	1975	1995-06 ABAND 1994
64	2.00	0.140	0.30	0.74	107	788	91			2 497.0	1997	1998-07
32	6.00	0.130	0.29	0.70	117	849	90		-1 381.3	2 568.5	1997	1998-10
32	5.20	0.130	0.22	0.80	160	839	86	22 553	-1 476.6	2 549.4	1994	1995-11
64	5.23	0.063	0.15	0.63	204	801	107	32 106	-2 327.6	3 304.2	1959	1976-05 ABAND 1979
64	1.20	0.170	0.40	0.90	38	856	33	4 829	38.7	645.4	1982	1983-07
64	3.10	0.150	0.49	0.75	95	826	70	13 068	-939.0	1 596.6	1984	1985-03 ABAND 1993
64	4.00	0.080	0.14	0.75	100	855	60	10 999	-894.2	1 597.8	1982	1985-11 ABAND 1990
65	3.54	0.098	0.15	0.80	85	855	70	16 254	-1 025.1	1 688.6	1975	1978-09 ABAND 1993
64	4.80	0.101	0.50	0.80	74	840	55	16 756	-1 018.7	1 688.0	1980	1998-07
583	3.33	0.100	0.31	0.80	74	840	56	15 807	-992.7	1 640.2	1983	1991-05 GPP
32	16.46	0.110	0.21	0.78	75	847	60	13 952	-960.1	1 603.7	1985	1991-07 GPP
32	9.00	0.160	0.15	0.75	115	856	72	14 712	-885.8	1 719.5	1994	1997-04 GPP
64	3.50	0.120	0.18	0.83	68	825	66			1 726.8	1997	1998-04
128	1.80	0.150	0.19	0.77	100	829	73	18 827	-1 189.8	2 070.3	1988	1998-02
3 648					128	826	75	16 387	-1 028.5	1 811.8	1980	1991-11
1 127	2.57	0.130	0.17	0.75								
2 521	3.15	0.130	0.13	0.75								
64	1.80	0.170	0.14	0.79	76	834	70	16 728	-1 067.9	1 832.6	1973	1993-12 GPP
64	1.30	0.120	0.14	0.79	76	834	70	16 794	-1 042.5	1 819.4	1973	1989-12
64	3.40	0.090	0.27	0.79	82	834	60	16 440	-992.3	1 776.1	1981	1983-01 GPP
64	2.70	0.110	0.18	0.80	70	847	70	16 454	-996.5	1 795.9	1984	1984-11 GPP
295	1.28	0.150	0.15	0.68	110	813	75	15 214	-980.7	1 795.0	1982	1998-07 GPP
64	4.00	0.120	0.13	0.92	16	856	67	14 625	-978.9	1 843.2	1983	1984-01 GPP
32	1.87	0.170	0.16	0.72	128	816	75	16 984	-1 061.1	1 839.0	1988	1995-07 ABAND 1993
331	1.76	0.200	0.35	0.80	110	834	75	17 616	-1 104.1	1 987.2	1984	1991-05 GPP
128	1.75	0.090	0.25	0.72	120	835	55	16 185	-997.9	1 803.1	1994	1996-05 GPP
128	1.90	0.110	0.14	0.74	117	821	66	17 371	-1 047.8	1 856.1	1994	1995-05
64	3.50	0.160	0.40	0.78	103	844	70	13 625	-1 075.2	1 910.0	1995	1997-09
64	2.50	0.120	0.11	0.78	103	844	70	15 745	-1 019.0	1 793.4	1995	1997-12 GPP
1 302					93	834	70	16 597	-1 020.6	1 794.2	1970	1994-12 GPP
912	3.39	0.120	0.19	0.79								
390	2.77	0.136	0.14	0.79								
128	10.50	0.090	0.27	0.77	117	818	68	17 700	-1 162.6	1 955.6	1988	1998-07
16	13.00	0.100	0.33	0.73	131	816	60	16 367	-1 059.7	1 893.4	1994	1995-12 GPP
64	10.75	0.130	0.16	0.72	120	817	65		-1 081.0	1 915.6	1996	1998-11
16	4.50	0.130	0.22	0.75	100	866	59	20 198	-1 206.7	2 000.5	1985	1996-07
64	1.50	0.070	0.30	0.88	109	791	72	19 591	-1 182.7	1 957.1	1994	1997-12 GPP
64	0.80	0.090	0.15	0.76	111	825	65			1 921.2	1997	1998-12
465	0.69	0.090	0.25	0.83	58	827	58	9 767	-794.3	1 702.1	1984	1990-12 GPP
128	1.35	0.060	0.25	0.83	58	827	58	9 478	-821.2	1 814.9	1984	1987-11 GPP
64	1.50	0.095	0.25	0.83	58	814	58	9 045	-797.0	1 741.3	1986	1996-06 GPP
64	0.80	0.080	0.30	0.85	58	831	59	9 630	-777.2	1 671.5	1985	1997-12 GPP
128	1.35	0.060	0.25	0.83	58	827	58	9 535	-806.9	1 805.5	1984	1987-11 ABAND 1991
168	8.80	0.130	0.21	0.79	90	897	65	15 833	-947.0	1 839.1	1985	1989-11 GPP
121	8.19	0.150	0.31	0.79	90	886	66	15 804	-964.9	1 903.9	1990	1992-08 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PREVD 039-01W5 (CONTINUED)								
UPPER MANNVILLE H	67.5	<0.02		1.3		1.3	1.3	*
UPPER MANNVILLE I	130.0	0.10		13.0		13.0	5.6	7.4
LOWER MANNVILLE D	37.7	0.12		4.5		4.5	4.1	0.4
LOWER MANNVILLE E	154.0	0.10		15.4		15.4	3.6	11.8
PEKISKO A	170.0	0.10		17.0		17.0	8.8	8.2
FIELD TOTAL	2 959.5			390.6		390.6	289.1	101.5
PROGRESS 077-09W6								
DOE CREEK A TOTAL	7 204.0			405.0	156.0	561.0	556.4	4.6
PRIMARY AREA	3 301.0	0.04		132.0		132.0		
WATER FLOOD AREA	3 903.0	0.07	0.04	273.0	156.0	429.0		
GETHING D	289.0	0.10		28.9		28.9	23.8	5.1
GETHING E	233.0	0.05		11.7		11.7	0.2	11.5
CHARLIE LAKE A	87.7	<0.01		0.1		0.1	0.1	
CHARLIE LAKE B	14.5	0.10		1.5		1.5	0.9	0.6
CHARLIE LAKE C	164.0	0.05		8.2		8.2	2.2	6.0
CHARLIE LAKE E	122.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE F	92.9	<0.02		1.4		1.4	1.4	
CHARLIE LAKE G	1 250.0	0.05		62.5		62.5	57.8	4.7
CHARLIE LAKE I	196.0	0.10		19.6		19.6	13.3	6.3
CHARLIE LAKE J	138.0	<0.02		1.6		1.6	1.6	
CHARLIE LAKE K	176.0	<0.03		5.0		5.0	5.0	
CHARLIE LAKE L	269.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE M	111.0	0.10		11.1		11.1	6.7	4.4
CHARLIE LAKE N	65.0	0.15		9.8		9.8	6.2	3.6
CHARLIE LAKE O	34.2	0.15		5.1		5.1	4.8	0.3
CHARLIE LAKE P	240.0	0.10		24.0		24.0	8.0	16.0
BOUNDARY A	19.4	0.03		0.6		0.6	0.6	
BOUNDARY B	740.0	0.15	0.10	111.0	74.0	185.0	154.1	30.9
WATER FLOOD								
BOUNDARY C TOTAL	608.0			99.1	90.2	189.0	133.7	55.3
PRIMARY AREA	157.0	0.20		31.4		31.4		
WATER FLOOD AREA	451.0	0.15	0.20	67.7	90.2	158.0		
HALFWAY B	6 311.0	0.10		631.0		631.0	456.2	174.8
HALFWAY C	405.0	0.05		20.3		20.3	3.1	17.2
HALFWAY E	350.0	0.20		70.0		70.0	57.1	12.9
HALFWAY H	17.9	<0.03		0.4		0.4	0.4	
HALFWAY I	74.7	0.15		11.2		11.2	10.3	0.9
HALFWAY J	500.0	0.20	0.16	100.0	80.0	180.0	114.7	65.3
WATER FLOOD								
HALFWAY M	91.0	<0.06		4.8		4.8	4.8	
HALFWAY O	1 600.0	0.20	0.05	320.0	80.0	400.0	246.0	154.0
WATER FLOOD								
HALFWAY P TOTAL	2 361.0			354.0	340.0	694.0	496.4	197.6
PRIMARY AREA	659.0	0.15		98.9		98.9		
WATER FLOOD AREA	1 702.0	0.15	0.20	255.0	340.0	595.0		
HALFWAY R	125.0	0.20		25.0		25.0	23.5	1.5
HALFWAY T	44.8	<0.08		3.5		3.5	3.5	
HALFWAY X	267.0	0.25		66.8		66.8	51.3	15.5
DOIG A	397.0	0.05		19.9		19.9	14.1	5.8
FIELD TOTAL	24 598.1			2 433.9	820.2	3 253.8	2 459.0	794.8
PROVOST 036-07W4								
VIKING V	191.0	0.17		32.5		32.5	27.6	4.9
VIKING RR	61.7	0.10		6.2		6.2	5.3	0.9
VIKING UU	13.9	<0.01		0.1		0.1	0.1	
VIKING, BR, BSL COL & MANV MU #1 TOTAL	93 000.0			5 635.0	4 376.0	10 010.0	9 303.7	706.3
PRIMARY AREA	38 300.0	0.09		3 447.0		3 447.0		
WATER FLOOD AREA	54 700.0	0.04	0.08	2 188.0	4 376.0	6 564.0		
VIKING GGG	55.4	<0.01		0.1		0.1	0.1	
VIKING PPP	246.0	0.03		7.4		7.4	7.2	0.2
VIKING QQQ	22.3	0.15		3.3		3.3	2.0	1.3
BLAIRMORE	2 630.0	0.34		894.0		894.0	774.3	119.7
BLAIRMORE B	5 277.0	0.50		2 639.0		2 639.0	2 114.9	524.1
MANNVILLE H	535.0	0.05		26.8		26.8	21.9	4.9
MANNVILLE L	5 559.0	0.44		2 446.0		2 446.0	1 679.0	767.0
MANNVILLE T	190.0	<0.02		2.5		2.5	2.5	
MANNVILLE CC	51.0	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	9.52	0.110	0.49	0.79	90	886	66	14 050	-965.6	1 952.6	1991	1994-07 GPP
32	7.19	0.110	0.35	0.79	90	886	66	15 880	-963.9	1 920.1	1991	1997-12 GPP
64	1.10	0.100	0.37	0.85	57	887	50	14 904	-948.2	1 832.9	1987	1994-12 GPP
64	4.00	0.110	0.31	0.79	88	891	70	15 885	-1 004.8	1 925.6	1988	1989-01 GPP
64	3.20	0.125	0.20	0.83	65	931	73	16 294	-1 063.8	2 028.3	1973	1986-11 GPP
2 230					12	836	25	1 728	410.0	316.6	1985	1997-04
1 347	1.50	0.230	0.26	0.96								GPP
883	2.16	0.260	0.18	0.96								
32	9.20	0.170	0.32	0.85	53	842	48	10 742	-548.4	1 267.8	1991	1994-12
32	7.00	0.170	0.28	0.85	61	875	60		-657.0	1 436.3	1986	1997-08
64	2.40	0.100	0.32	0.84	67	813	62	13 232	-902.7	1 681.2	1982	1983-08
64	0.70	0.070	0.40	0.77	80	850	60	13 022	-903.1	1 667.1	1983	1985-08 GPP
210	1.60	0.113	0.44	0.77	80	850	60	12 959	-897.3	1 663.8	1983	1990-11 GPP
64	3.70	0.100	0.33	0.77	64	835	54	13 484	-882.7	1 639.9	1983	1989-12 ABAND 1991
64	4.10	0.100	0.54	0.77	64	849	67	13 556	-890.3	1 649.1	1982	1991-10 ABAND 1990
320	4.23	0.150	0.20	0.77	80	836	60	15 674	-889.4	1 654.0	1982	1996-08 GPP
64	3.20	0.160	0.18	0.73	118	825	55	12 550	-903.9	1 681.4	1982	1986-02 GPP
64	3.00	0.120	0.20	0.75	123	827	60	14 539	-965.9	1 805.5	1985	1992-10
65	2.80	0.170	0.14	0.66	150	813	62	18 725	-957.2	1 827.4	1985	1994-11 ABAND 1993
64	3.50	0.180	0.11	0.75	96	825	54	15 573	-874.5	1 648.3	1985	1987-12 ABAND 1992
32	3.40	0.160	0.15	0.75	123	828	69	14 960	-880.6	1 657.0	1990	1991-10 GPP
16	3.50	0.160	0.07	0.78	95	849	67	15 312	-927.2	1 695.0	1995	1997-08 GPP
8	2.93	0.210	0.11	0.78	95	849	67	16 697	-938.1	1 710.3	1996	1997-08 GPP
64	3.77	0.140	0.09	0.78	95	849	67	15 924	-928.6	1 696.0	1995	1997-08 GPP
64	0.60	0.080	0.21	0.80	68	840	72	15 684	-904.8	1 826.0	1984	1991-10 ABAND 1988
680	1.20	0.140	0.10	0.72	112	816	74	16 841	-936.9	1 810.0	1991	1995-12
523					123	814	71	16 626	-894.4	1 848.4	1992	1997-12
64	2.20	0.170	0.10	0.73								
459	0.97	0.160	0.12	0.72								GPP
896	13.63	0.100	0.32	0.76	112	844	70	17 629	-1 035.4	1 910.2	1976	1986-11 GPP
64	11.43	0.091	0.20	0.76	112	840	70	16 584	-1 027.6	1 906.8	1984	1994-05
40	10.36	0.150	0.12	0.64	191	805	67	20 628	-1 025.5	1 840.3	1981	1995-12
16	3.00	0.070	0.30	0.76	120	836	60	20 415	-972.8	1 743.6	1984	1996-07 GPP
64	1.90	0.150	0.37	0.65	185	812	60	16 596	-959.0	1 729.9	1984	1986-04 GPP
131	4.98	0.140	0.26	0.74	126	821	60	16 759	-943.9	1 725.1	1985	1993-05 GPP
32	3.87	0.148	0.32	0.73	185	820	59	17 119	-980.7	1 763.5	1986	1996-07 GPP
448	4.01	0.160	0.13	0.64	191	801	67	20 728	-982.0	1 774.7	1986	1994-12
896					96	825	50	17 000	-925.1	1 684.0	1987	1998-04
128	4.90	0.180	0.20	0.73								
768	3.12	0.139	0.30	0.73								
96	2.40	0.090	0.14	0.70	129	824	41	16 991	-937.6	1 695.5	1988	1995-12 GPP
32	2.20	0.140	0.41	0.77	117	818	68	16 483	-959.0	1 751.2	1990	1996-07 GPP
64	4.89	0.180	0.35	0.73	120	817	65	16 248	-940.9	1 727.6	1985	1995-12 GPP
32	21.90	0.090	0.16	0.75	94	830	70	16 970	-1 055.4	1 889.4	1982	1993-12 GPP
90	1.80	0.220	0.43	0.94	24	851	32	5 691	-65.8	826.9	1976	1995-12 GPP
64	1.20	0.190	0.55	0.94	20	868	31	5 601	-54.6	816.3	1976	1983-08 GPP
64	0.70	0.060	0.45	0.94	22	851	38	5 537	-46.3	803.5	1984	1985-11 ABAND 1987
65 350					25	855	36	6 126	-83.3	845.3	1946	1998-08 GPP
31 392	1.56	0.260	0.68	0.94								
33 958	1.36	0.252	0.50	0.94								
64	1.22	0.130	0.40	0.91	38	857	37	6 012	-3.6	757.4	1978	1978-11
64	3.70	0.180	0.38	0.93	26	851	50	6 045	-106.9	828.0	1973	1998-12 GPP
16	1.00	0.240	0.40	0.97	60	863	30	4 454	-60.1	831.5	1994	1995-11
516	2.70	0.270	0.24	0.92	28	892	33	6 223	-172.8	877.7	1958	1998-12 GPP
615	4.23	0.260	0.17	0.94	27	892	33	6 421	-196.7	945.7	1958	1998-12 GPP
129	2.44	0.290	0.35	0.90	25	887	27	6 208	-69.7	819.0	1972	1989-03 GPP
553	5.09	0.270	0.23	0.95	21	900	28	5 678	-137.3	827.5	1976	1998-12 GPP
64	3.23	0.200	0.49	0.90	35	876	30	6 120	-156.7	877.9	1977	1996-03 ABAND 1995
16	2.54	0.220	0.40	0.95	18	881	30	7 288	-116.7	851.8	1979	1993-01 ABAND 1984

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
PROVOST 036-07W4 (CONTINUED)									
MANNVILLE S & UPPER MANNVILLE F	187.0	0.20		37.4		37.4	32.6	4.8	
UPPER MANV 000 & ELLERSLIE S TOTAL	5 580.0			463.0	552.0	1 015.0	685.3	329.7	
PRIMARY AREA	1 899.0	0.05		95.0		95.0			
WATER FLOOD AREA	3 681.0	0.10	0.15	368.0	552.0	920.0			
UPPER MANNVILLE C3C	133.0	<0.01		0.1		0.1	0.1		
UPPER MANNVILLE C4C	2 251.0	0.20		450.0		450.0	256.7	193.3	
UPPER MANNVILLE X4X	802.0	0.13		104.0		104.0	100.9	3.1	
UPPER MANNVILLE V8V	21.3	<0.02		0.3		0.3	0.3		
UPPER MANNVILLE W8W	410.0	0.12		49.2		49.2	43.3	5.9	
COLONY H	374.0	0.05		18.7		18.7	15.7	3.0	
COLONY I	37.9	<0.10		3.7		3.7	3.7		
COLONY K	35.6	0.10		3.6		3.6	1.5	2.1	
SPARKY O	28.2	0.10		2.8		2.8	1.3	1.5	
SPARKY W	66.3	0.10		6.6		6.6	0.7	5.9	
REX A	541.0	0.10		54.1		54.1	26.1	28.0	
REX J	156.0	0.05		7.8		7.8	0.4	7.4	
REX K	43.2	<0.01		0.1		0.1	0.1		
LLOYDMINSTER KK	2 765.0	0.40		1 106.0		1 106.0	846.4	259.6	
LLOYDMINSTER XX	233.0	0.10		23.3		23.3	16.7	6.6	
LLOYDMINSTER ZZ	1 620.0	0.30		486.0		486.0	398.2	87.8	
LLOYDMINSTER GGG & CUMMINGS K2K	81.1	0.20		16.2		16.2	8.5	7.7	
LLOYDMINSTER D, CUMMINGS F & Z2Z	2 747.0	<0.13		344.0		344.0	192.0	152.0	
LLOYDMINSTER DDD	836.0	0.20		167.0		167.0	87.0	80.0	
LLOYDMINSTER EEE	271.0	0.35		94.9		94.9	48.1	46.8	
LLOYDMINSTER HHH	282.0	0.35		98.7		98.7	80.6	18.1	
LLOYDMINSTER 000	58.9	0.10		5.9		5.9	2.2	3.7	
LLOYDMINSTER UUU	37.7	0.20		7.5		7.5	3.2	4.3	
LLOYDMINSTER B2B	62.3	0.30		18.7		18.7	5.3	13.4	
LLOYDMINSTER C2C	40.7	0.20		8.1		8.1	3.2	4.9	
LLOYDMINSTER E2E	50.3	0.10		5.0		5.0	1.4	3.6	
LLOYDMINSTER F2F	70.6	0.20		14.1		14.1	1.0	13.1	
LLOYDMINSTER T2T	55.5	0.20		11.1		11.1	3.4	7.7	
LLOYDMINSTER V2V	34.9	0.10		3.5		3.5	3.2	0.3	
LLOYDMINSTER E3E	33.8	0.10		3.4		3.4	0.2	3.2	
GLAUCONITIC A	7 399.0	0.50		3 700.0		3 700.0	3 175.8	524.2	
GLAUCONITIC B	26.2	0.30		7.9		7.9	5.3	2.6	
GLAUCONITIC K	25.4	0.20		5.1		5.1	0.2	4.9	
GLAUCONITIC L	136.0	0.10		13.6		13.6	1.1	12.5	
GLAUCONITIC S	41.2	<0.01		0.1		0.1	0.1		
GLAUCONITIC CC	222.0	0.10		22.2		22.2	3.7	18.5	
GLAUCONITIC FF	78.4	0.10		7.8		7.8	0.1	7.7	
CUMMINGS A	2 238.0	0.50		1 119.0		1 119.0	988.2	130.8	
CUMMINGS B	62.7	<0.01		0.1		0.1	0.1		
CUMMINGS E	55.9	<0.02		1.1		1.1	1.1		
CUMMINGS Y	960.0	0.25		240.0		240.0	196.4	43.6	
CUMMINGS EE	155.0	0.40		62.0		62.0	46.3	15.7	
CUMMINGS GG	85.0	0.07		6.0		6.0	4.8	1.2	
CUMMINGS HH	160.0	0.27		43.2		43.2	39.3	3.9	
CUMMINGS PP	600.0	0.30		180.0		180.0	163.6	16.4	
CUMMINGS YY	31.1	<0.06		1.8		1.8	1.8		
CUMMINGS RRR	92.4	0.20		18.5		18.5	10.0	8.5	
CUMMINGS N2N	185.0	0.30		55.5		55.5	15.1	40.4	
CUMMINGS O2O	84.5	0.10		8.5		8.5	1.4	7.1	
CUMMINGS U2U	60.6	0.02		1.2		1.2	1.2		
CUMMINGS O3O	78.6	0.20		15.7		15.7	4.1	11.6	
CUMMINGS Q3Q	82.1	0.10		8.2		8.2	4.7	3.5	
CUMMINGS R3R	63.6	0.20		12.7		12.7	9.1	3.6	
CUMMINGS S3S	44.1	0.20		8.8		8.8	3.8	5.0	
CUMMINGS T3T	11.6	0.10		1.2		1.2	0.2	1.0	
CUMMINGS W3W TOTAL	811.0			243.0	35.4	278.0	71.9	206.1	
PRIMARY AREA	104.0	0.30		31.2		31.2			
WATER FLOOD AREA	707.0	0.30	0.05	212.0	35.4	247.0			
CUMMINGS Y3Y	44.0	0.25		11.0		11.0	3.7	7.3	
CUMMINGS LL & LOWER MANNVILLE VV	20.7	0.15		3.1		3.1	1.5	1.6	
CUMMINGS T & DINA W	1 190.0	0.33		393.0		393.0	352.6	40.4	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
23	5.13	0.260	0.35	0.94	25	910	37	5 840	-97.7	784.1	1976	1994-12 GPP
1 377					32	892	33	6 737	-197.9	965.3	1984	1997-12
632	2.14	0.240	0.35	0.90								
745	3.23	0.250	0.32	0.90								
64	2.00	0.250	0.55	0.92	31	820	26	5 748	-89.6	798.0	1985	1986-06 GPP
569	3.00	0.230	0.37	0.91	34	865	31	6 156	-156.4	900.6	1989	1997-09 GPP
86	5.40	0.240	0.25	0.96	20	890	31	5 830	-164.8	907.4	1989	1994-12 GPP
4	6.00	0.150	0.35	0.91	33	869	39	7 530	-305.1	1 158.5	1994	1998-12 GPP
148	2.07	0.240	0.38	0.90	32	892	33	5 967	-197.3	961.5	1991	1995-11 GPP
64	3.20	0.280	0.25	0.87	54	863	26	6 542	-81.5	821.9	1990	1991-05 GPP
16	1.50	0.270	0.39	0.96	14	868	33	6 483	-74.6	827.3	1993	1998-12 GPP
16	1.50	0.220	0.29	0.95	21	900	28	5 941	-69.9	810.4	1991	1995-02 GPP
8	1.80	0.320	0.35	0.94	27	893	30	5 905	-100.7	913.3	1995	1996-07 GPP
8	5.00	0.280	0.39	0.97	6	885	37	-112.8	781.0	1997	1998-10 GPP	
65	6.65	0.200	0.32	0.92	40	887	35	6 353	-140.4	827.7	1987	1996-07 GPP
16	8.20	0.200	0.36	0.93	29	887	35	2 424	-201.8	1 022.1	1995	1996-05 GPP
16	2.20	0.220	0.40	0.93	31	877	32	8 119	-199.0	1 004.9	1995	1998-05 ABAND 1998
424	2.86	0.300	0.20	0.95	20	893	28	5 944	-116.0	793.2	1990	1995-03 GPP
32	4.00	0.290	0.31	0.91	34	865	34	6 200	-210.2	970.0	1992	1993-05 GPP
154	5.26	0.280	0.24	0.94	37	899	35	6 215	-209.3	974.9	1988	1995-01 GPP
32	1.85	0.270	0.46	0.94	20	893	29	5 277	-110.2	786.0	1993	1994-03 GPP
480	3.95	0.250	0.39	0.95	20	893	30	5 467	-119.6	792.3	1983	1995-12 GPP
128	2.90	0.300	0.21	0.95	20	900	28	6 125	-166.4	891.0	1993	1996-12
40	4.25	0.240	0.27	0.91	34	865	34	7 510	-311.3	1 056.9	1993	1997-08 GPP
24	4.82	0.310	0.19	0.97	10	918	31	5 566	-110.5	782.8	1993	1998-12 GPP
16	3.00	0.190	0.29	0.91	34	865	34	7 106	-304.5	1 050.5	1994	1995-03 GPP
16	1.40	0.280	0.36	0.94	20	893	29	4 374	-113.3	790.8	1995	1995-12 GPP
16	1.80	0.290	0.18	0.91	34	891	34	7 560	-317.1	1 068.6	1995	1996-05 GPP
8	2.30	0.300	0.19	0.91	34	865	34	6 147	-311.4	1 058.3	1996	1998-12 GPP
16	2.70	0.210	0.41	0.94	20	893	29	7 296	-190.5	956.0	1995	1998-12 GPP
32	1.50	0.280	0.41	0.89	39	882	28	5 651	-166.4	878.3	1996	1996-11 GPP
16	2.00	0.300	0.35	0.89	39	935	28	4 321	-128.6	802.0	1993	1997-03 GPP
8	3.50	0.280	0.50	0.89	39	883	28	5 719	-116.6	795.3	1996	1997-04 GPP
16	1.80	0.240	0.45	0.89	39	882	29	-139.9	903.9	1997	1998-06 GPP	
494	6.87	0.270	0.15	0.95	16	908	34	6 125	-185.5	925.0	1991	1995-12 GPP
16	2.20	0.180	0.30	0.59	50	834	30	7 046	-240.5	966.3	1992	1993-06 GPP
16	1.90	0.270	0.66	0.91	34	865	34	7 536	-314.2	1 071.8	1995	1995-11 GPP
32	3.50	0.240	0.45	0.92	34	909	34	7 268	-266.1	1 037.7	1994	1996-02
16	2.60	0.170	0.38	0.94	28	893	32	8 598	-274.1	1 044.9	1996	1997-11 ABAND 1997
32	3.90	0.270	0.29	0.93	29	892	34	-275.6	997.3	1997	1997-10 GPP	
64	0.90	0.230	0.35	0.91	41	842	28			1 024.5	1997	1998-04
995	1.70	0.220	0.38	0.97	27	876	28	6 241	-152.9	833.5	1973	1998-05 GPP
64	1.00	0.170	0.40	0.96	18	888	28	6 304	-160.3	946.2	1979	1983-12
16	2.00	0.300	0.40	0.97	30	865	35	5 067	-161.0	919.0	1983	1996-07 GPP
494	1.50	0.220	0.38	0.95	11	868	28	5 619	-149.2	820.5	1987	1996-07 GPP
80	1.48	0.230	0.40	0.95	11	872	28	6 175	-150.7	824.7	1988	1998-12 GPP
32	2.20	0.240	0.47	0.95	20	890	28	5 870	-174.2	908.3	1988	1993-12 GPP
48	2.95	0.220	0.46	0.95	11	890	28	5 705	-116.7	776.7	1988	1998-12 GPP
171	2.71	0.220	0.36	0.92	31	868	28	5 923	-155.3	824.5	1988	1997-12 GPP
32	1.12	0.190	0.52	0.95	11	905	28	6 534	-196.0	956.1	1989	1996-07 GPP
16	3.41	0.270	0.34	0.95	15	872	28	5 709	-130.0	796.9	1992	1992-07 GPP
48	2.70	0.250	0.40	0.95	40	878	38	6 038	-198.8	965.5	1994	1995-11 GPP
4	8.00	0.320	0.14	0.96	15	878	25	5 329	-111.7	780.0	1994	1996-08 GPP
4	5.50	0.330	0.13	0.96	13	878	32	5 744	-116.7	781.5	1994	1998-12 GPP
32	1.85	0.240	0.43	0.97	27	876	28	6 125	-153.6	826.9	1991	1996-11 GPP
16	3.00	0.260	0.30	0.94	25	873	32	4 990	-139.8	853.2	1996	1997-03 GPP
16	2.00	0.300	0.28	0.92	31	878	31	4 592	-115.2	794.0	1996	1997-06 GPP
16	1.60	0.240	0.22	0.92	31	878	31	-125.6	793.4	1996	1997-06 GPP	
8	1.80	0.210	0.60	0.96	15	867	28	-153.2	823.1	1997	1997-07 GPP	
96					24	884	31	-202.6	974.5	1997	1998-10 GPP	
27	2.55	0.230	0.31	0.95								
69	6.80	0.230	0.31	0.95								
17	1.80	0.230	0.34	0.95	19	935	28	5 206	-100.3	776.4	1997	1998-11 GPP
16	0.70	0.250	0.22	0.95	11	884	28	6 375	-157.7	891.3	1988	1998-12 GPP
200	3.53	0.270	0.35	0.96	32	893	34	5 803	-140.1	832.4	1987	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
PROVOST 036-07W4 (CONTINUED)									
CUMMINGS NN & DINA CC	340.0	<0.30		100.0		100.0	76.8	23.2	
LOWER MANNVILLE L	72.9	0.15		10.9		10.9	10.1	0.8	
LOWER MANNVILLE Z	2 209.0	0.41		906.0		906.0	638.7	267.3	
LOWER MANNVILLE DDD	26.2	0.20		5.2		5.2	2.7	2.5	
DINA S	4 671.0	0.45		2 102.0		2 102.0	1 276.3	825.7	
DINA X	1 166.0	0.30		350.0		350.0	269.3	80.7	
DINA Y	2 630.0	0.50		1 315.0		1 315.0	977.4	337.6	
DINA DD	187.0	<0.25		45.3		45.3	45.3		
DINA JJ	195.0	0.45		87.8		87.8	58.6	29.2	
DINA NN	393.0	0.32		126.0		126.0	120.6	5.4	
DINA OO	1 021.0	0.20		204.0		204.0	55.7	148.3	
DINA SS	1 793.0	0.35		628.0		628.0	496.2	131.8	
DINA DDD	35.1	0.30		10.5		10.5	7.1	3.4	
DINA FFF	2 664.0	0.50		1 332.0		1 332.0	954.7	377.3	
DINA PPP	1 960.0	0.65		1 274.0		1 274.0	969.0	305.0	
DINA QQQ	99.6	0.15		14.9		14.9	12.0	2.9	
DINA RRR	151.0	0.20		30.2		30.2	29.6	0.6	
DINA UUU WATER FLOOD	279.0	0.35	0.05	97.7	14.0	112.0	99.7	12.3	
DINA VVV	517.0	0.30		155.0		155.0	83.6	71.4	
DINA WWW	8.2	0.05		0.4		0.4	0.4		
DINA ZZZ	83.3	0.25		20.8		20.8	14.7	6.1	
DINA C2C	339.0	0.30		102.0		102.0	87.7	14.3	
DINA M2M	14.7	0.40		5.9		5.9	4.7	1.2	
DINA L2L & S2S	621.0	<0.36		223.1		223.1	223.1		
DINA U3U	1 274.0	0.40		510.0		510.0	348.4	161.6	
DINA W3W	493.0	0.35		173.0		173.0	79.2	93.8	
DINA G4G	2 442.0	0.30		733.0		733.0	730.0	3.0	
DINA I4I	785.0	0.45		353.0		353.0	331.2	21.8	
DINA N4N WATER FLOOD	217.0	0.20	0.25	43.4	54.3	97.7	92.0	5.7	
DINA T4T	398.0	0.35		139.0		139.0	121.4	17.6	
DINA W4W TOTAL	1 101.0			438.0	23.0	461.0	311.2	149.8	
PRIMARY AREA	871.0	0.45		392.0		392.0			
WATER FLOOD AREA	230.0	0.20	0.10	46.0	23.0	69.0			
DINA Y4Y	74.7	<0.18		13.2		13.2	13.2		
DINA E5E	1 733.0	0.35		607.0		607.0	312.9	294.1	
DINA H5H	598.0	0.30		179.0		179.0	128.3	50.7	
DINA T5T	36.7	0.30		11.0		11.0	8.4	2.6	
DINA U5U	30.2	0.25		7.6		7.6	3.1	4.5	
DINA V5V	78.5	0.40		31.4		31.4	24.1	7.3	
DINA X5X	1 699.0	0.30		510.0		510.0	258.1	251.9	
DINA E6E	608.0	0.10		60.8		60.8	34.8	26.0	
DINA H6H	170.0	0.30		51.0		51.0	24.5	26.5	
DINA I6I	449.0	0.25		112.0		112.0	37.6	74.4	
DINA L6L	185.0	0.45		83.3		83.3	63.7	19.6	
DINA M6M	54.8	0.30		16.4		16.4	11.2	5.2	
DINA N6N	93.1	0.20		18.6		18.6	9.6	9.0	
DINA O6O	136.0	0.20		27.2		27.2	7.8	19.4	
DINA Y6Y	60.0	0.30		18.0		18.0	14.6	3.4	
DINA Z6Z	68.2	0.20		13.6		13.6	10.9	2.7	
DINA A7A	182.0	0.27		49.1		49.1	22.2	26.9	
DINA C7C	24.9	0.20		5.0		5.0	0.8	4.2	
DINA E7E	95.7	0.20		19.1		19.1	2.8	16.3	
DINA G7G	170.0	0.20		34.0		34.0	10.5	23.5	
DINA I7I	19.5	0.20		3.9		3.9	0.1	3.8	
DINA K7K	64.3	0.10		6.4		6.4	0.3	6.1	
DINA S7S	666.0	0.30		200.0		200.0	52.3	147.7	
DINA T7T	25.1	0.20		5.0		5.0	1.8	3.2	
ELLERSLIE U	1 043.0	0.40		417.0		417.0	288.5	128.5	
ELLERSLIE Z	834.0	0.30		250.0		250.0	195.3	54.7	
ELLERSLIE CC	49.0	0.30		14.7		14.7	8.7	6.0	
ELLERSLIE DD	491.0	0.30		147.0		147.0	89.1	57.9	
ELLERSLIE EE	22.5	0.20		4.5		4.5	2.0	2.5	
ELLERSLIE FF	61.5	0.25		15.4		15.4	9.1	6.3	
ELLERSLIE HH	199.0	0.20		39.8		39.8	17.1	22.7	
ELLERSLIE II	28.2	<0.02		0.4		0.4	0.4		
ELLERSLIE JJ	31.8	<0.01		0.3		0.3	0.3		
ELLERSLIE MM	21.3	<0.05		1.0		1.0	1.0		
ELLERSLIE VV	1 015.0	0.63		639.0		639.0	528.0	111.0	
ELLERSLIE YY	922.0	0.50		461.0		461.0	385.3	75.7	
ELLERSLIE ZZ	10.3	<0.04		0.4		0.4	0.4		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
77	3.02	0.230	0.33	0.95	66	875	34	6 227	-172.9	916.8	1975	1982-12 GPP
64	1.00	0.230	0.45	0.90	38	861	32	6 960	-239.4	1 030.5	1980	1987-12 GPP
188	5.50	0.270	0.14	0.92	34	903	34	6 042	-183.9	908.5	1969	1988-12 GPP
16	1.30	0.210	0.34	0.91	43	876	31	8 001	-284.0	1 056.2	1995	1996-08 GPP
672	4.31	0.240	0.30	0.96	13	874	32	6 563	-203.4	950.2	1985	1998-12 GPP
118	6.97	0.230	0.33	0.92	31	878	34	6 865	-203.8	952.4	1987	1996-10 GPP
398	3.63	0.240	0.21	0.96	14	876	34	6 531	-203.8	983.3	1987	1995-12 GPP
59	1.69	0.260	0.25	0.96	39	883	30	6 409	-200.3	1 004.2	1987	1998-12 GPP
40	3.40	0.230	0.35	0.96	14	868	27	5 912	-200.5	962.4	1988	1998-12 GPP
70	3.27	0.230	0.23	0.97	16	908	27	6 090	-205.6	958.9	1988	1997-12 GPP
124	5.53	0.240	0.34	0.94	23	876	27	6 238	-174.8	931.9	1988	1998-12 GPP
200	5.26	0.230	0.22	0.95	18	888	27	6 355	-189.9	944.8	1988	1993-12 GPP
8	3.75	0.250	0.48	0.90	38	890	32	6 872	-212.3	945.9	1988	1993-12 GPP
425	3.50	0.260	0.29	0.97	16	899	28	6 763	-207.7	979.6	1988	1995-12 GPP
328	3.20	0.250	0.23	0.97	20	880	28	5 778	-151.5	818.5	1988	1998-03 GPP
12	4.44	0.240	0.18	0.95	14	868	28	6 425	-189.9	922.4	1988	1994-01 GPP
40	2.83	0.220	0.36	0.95	18	888	28	6 517	-190.3	929.4	1988	1998-12 GPP
54	3.32	0.240	0.28	0.90	35	879	28	6 464	-190.4	980.6	1988	1994-02 GPP
66	5.60	0.230	0.36	0.95	18	888	28	6 134	-195.2	980.5	1988	1998-06 GPP
4	2.30	0.210	0.56	0.96	14	868	28	6 512	-191.6	940.9	1988	1993-12 ABAND 1994
8	6.11	0.250	0.29	0.96	14	868	28	6 410	-191.5	962.6	1988	1993-12 GPP
23	8.44	0.250	0.28	0.97	23	871	28	5 351	-161.6	860.2	1989	1994-12 GPP
4	4.00	0.180	0.45	0.93	20	860	28	6 410	-152.8	825.4	1989	1998-12 GPP
80	4.00	0.260	0.23	0.97	30	882	28	5 815	-205.3	969.0	1989	1998-12 GPP
143	4.20	0.270	0.19	0.97	25	890	28	5 528	-141.1	838.1	1990	1998-03 GPP
157	2.32	0.240	0.38	0.91	29	880	28	6 369	-210.5	958.9	1990	1993-12 GPP
503	2.78	0.260	0.27	0.92	20	880	28	6 179	-163.7	841.3	1973	1994-12 GPP
125	3.24	0.270	0.26	0.97	23	886	28	5 552	-148.8	815.3	1991	1993-12 GPP
61	2.19	0.240	0.28	0.94	25	879	28	5 949	-165.8	871.7	1991	1994-04 GPP
62	3.03	0.280	0.22	0.97	26	880	28	5 966	-147.6	831.9	1991	1994-03 GPP
153					30	882	28	5 711	-163.4	830.3	1991	1998-11 GPP
125	3.50	0.270	0.24	0.97								
28	4.40	0.260	0.26	0.97								
22	2.09	0.270	0.38	0.97	20	882	28	6 028	-202.7	961.8	1991	1998-12 GPP
270	4.11	0.230	0.30	0.97	20	890	28	6 007	-200.3	946.1	1992	1994-12 GPP
128	3.06	0.240	0.33	0.95	24	879	28	6 261	-176.8	946.9	1975	1993-03 GPP
8	2.80	0.260	0.33	0.94	24	887	33	6 312	-187.2	914.5	1992	1994-02 GPP
4	4.30	0.270	0.33	0.97	24	887	33	5 793	-152.6	820.9	1993	1994-09 GPP
16	3.00	0.240	0.29	0.96	14	868	33	5 741	-166.3	851.5	1993	1995-12 GPP
234	3.83	0.250	0.21	0.96	14	868	33	6 044	-211.1	972.7	1993	1995-07 GPP
129	3.01	0.240	0.32	0.96	35	889	33	5 286	-166.6	940.2	1994	1998-12 GPP
50	2.00	0.260	0.32	0.96	14	868	33	4 324	-157.2	823.5	1994	1996-05 GPP
118	2.30	0.260	0.33	0.95	18	888	34	7 216	-280.4	1 059.9	1994	1997-02 GPP
94	1.30	0.240	0.30	0.90	18	880	34	6 211	-261.6	1 036.6	1993	1998-05 GPP
20	2.31	0.220	0.40	0.90	27	878	35	6 923	-266.6	1 056.0	1993	1995-08 GPP
32	1.96	0.250	0.34	0.90	38	890	32	7 174	-283.8	1 066.5	1995	1998-07 GPP
32	2.92	0.230	0.34	0.96	96	868	33	5 788	-217.0	992.8	1994	1995-11 GPP
16	1.90	0.280	0.25	0.94	22	860	40	6 048	-292.5	1 078.4	1996	1996-09 GPP
16	3.00	0.240	0.37	0.94	22	860	40	4 007	-167.3	858.5	1996	1996-10 GPP
64	1.70	0.260	0.33	0.96	14	867	33	5 898	-231.2	1 013.4	1996	1998-12 GPP
8	2.40	0.230	0.40	0.94	22	860	40		-167.6	859.8	1996	1997-06 GPP
16	3.40	0.260	0.28	0.94	22	860	40		-167.4	836.6	1996	1997-09 GPP
64	1.12	0.290	0.15	0.96	15	867	33	4 708	-259.2	1 049.9	1996	1998-03 GPP
16	1.20	0.240	0.55	0.94	24	887	33	3 021	-142.8	850.4	1997	1997-10 GPP
16	2.40	0.280	0.35	0.92	31	878	31		-133.8	811.8	1997	1997-11 GPP
130	2.60	0.260	0.21	0.96	15	867	33	6 389	-276.7	1 042.0	1997	1998-08 GPP
16	1.50	0.210	0.47	0.94	24	887	33		-164.5	885.5	1997	1998-09 GPP
148	4.00	0.250	0.25	0.94	18	892	31	6 296	-256.8	975.3	1991	1998-07 GPP
86	4.19	0.280	0.13	0.95	16	892	34	6 184	-268.0	995.1	1992	1995-12 GPP
8	3.63	0.240	0.26	0.95	16	908	34	6 240	-257.3	974.0	1993	1994-01 GPP
84	3.26	0.260	0.25	0.92	48	898	37	5 904	-275.0	993.7	1993	1994-07 GPP
4	4.30	0.240	0.35	0.84	60	864	35	6 118	-249.9	971.7	1994	1995-07 GPP
16	2.30	0.290	0.40	0.96	54	803	29	6 591	-220.3	990.2	1994	1997-12 GPP
48	2.47	0.280	0.34	0.91	34	865	32	6 501	-220.3	989.6	1995	1995-12 GPP
4	4.00	0.260	0.30	0.97	60	863	30	5 337	-221.8	1 034.5	1995	1998-12 GPP
16	1.50	0.240	0.40	0.92	36	854	32	6 156	-246.1	1 055.3	1995	1997-05 ABAND 1997
16	1.20	0.240	0.45	0.84	60	864	35	7 708	-296.7	1 078.6	1995	1998-05 ABAND 1998
124	4.03	0.270	0.20	0.94	20	885	28	7 015	-244.4	1 021.9	1992	1997-12 GPP
145	3.96	0.230	0.28	0.97	15	888	34	6 818	-227.2	1 031.3	1989	1993-12 GPP
4	2.00	0.200	0.33	0.96	14	868	33	6 271	-273.5	1 050.0	1993	1996-07 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PROVOST 036-07W4 (CONTINUED)								
ELLERSLIE N & 000	5 285.0	0.30		1 586.0		1 586.0	1 539.8	46.2
ELLERSLIE AAA	85.0	0.30		25.5		25.5	7.1	18.4
ELLERSLIE BBB	25.9	0.30		7.8		7.8	2.1	5.7
ELLERSLIE CCC	67.5	0.20		13.5		13.5	9.0	4.5
ELLERSLIE DDD	72.0	0.25		18.0		18.0	12.1	5.9
ELLERSLIE EEE	521.0	0.40		208.0		208.0	164.1	43.9
ELLERSLIE HHH	120.0	0.25		30.0		30.0	23.5	6.5
ELLERSLIE III	159.0	0.30		47.7		47.7	9.8	37.9
ELLERSLIE JJJ	43.4	0.20		8.7		8.7	3.5	5.2
ELLERSLIE KKK	19.6	0.30		5.9		5.9	3.7	2.2
ELLERSLIE LLL	194.0	0.05		9.7		9.7	2.8	6.9
ELLERSLIE MMM	385.0	0.20		77.0		77.0	12.7	64.3
ELLERSLIE PPP	318.0	0.30		95.4		95.4	24.3	71.1
ELLERSLIE WWW	48.3	0.20		9.7		9.7	5.7	4.0
ELLERSLIE B2B	51.8	0.20		10.4		10.4	3.7	6.7
ELLERSLIE D2D	95.4	0.15		14.3		14.3	2.5	11.8
ELLERSLIE E2E	44.8	0.30		13.4		13.4	4.5	8.9
ELLERSLIE H2H	27.7	0.30		8.3		8.3	0.5	7.8
DETRITAL A	193.0	0.10		19.3		19.3	15.8	3.5
D-1 A	20.7	<0.01		0.1		0.1	0.1	
D-2 A	119.0	<0.01		1.0		1.0	1.0	
FIELD TOTAL *	190 955.1			39 317.0	5 054.7	44 370.6	34 869.7	9 500.9
PUSKASKAU 074-01W6								
CHARLIE LAKE A	126.0	<0.05		5.9		5.9	5.9	
D-2 A	124.0	0.10		12.4		12.4	12.4	
D-3 A	459.0	<0.12		52.1		52.1	52.1	
D-3 B	131.0	<0.01		0.4		0.4	0.4	
GRANITE WASH A	189.0	0.15		28.4		28.4	2.1	26.3
FIELD TOTAL	1 029.0			99.2		99.2	72.9	26.3
QUEENSTOWN 019-22W4								
UPPER MANNVILLE A	134.0	0.10		13.4		13.4	0.1	13.3
GLAUCONITIC A	579.0	0.15		86.9		86.9	78.9	8.0
GLAUCONITIC B	809.0	0.15		121.0		121.0	88.1	32.9
GLAUCONITIC D	75.1	<0.02		1.5		1.5	1.0	0.5
GLAUCONITIC E	75.9	<0.03		2.1		2.1	2.1	
GLAUCONITIC F	71.0	<0.06		4.0		4.0	4.0	
GLAUCONITIC I	12.4	<0.03		0.3		0.3	0.3	
GLAUCONITIC K	38.0	0.08		3.0		3.0	1.7	1.3
GLAUCONITIC L	210.0	0.15		31.5		31.5	27.1	4.4
GLAUCONITIC M	307.0	0.08		24.6		24.6	8.1	16.5
GLAUCONITIC N	54.6	0.10		5.5		5.5	4.5	1.0
GLAUCONITIC O	58.8	0.08		4.7		4.7	1.3	3.4
GLAUCONITIC P	46.4	<0.01		0.1		0.1	0.1	
GLAUCONITIC R	156.0	0.15		23.4		23.4	8.3	15.1
GLAUCONITIC U	365.0	0.15		54.8		54.8	10.0	44.8
GLAUCONITIC V	1 185.0	0.05		59.3		59.3	18.1	41.2
GLAUCONITIC W	747.0	0.20		149.0		149.0	109.0	40.0
GLAUCONITIC X	28.2	0.20		5.6		5.6	0.2	5.4
OSTRACOD B	25.5	0.10		2.6		2.6	1.9	0.7
ELLERSLIE A	49.7	<0.01		0.1		0.1	0.1	
ELLERSLIE B	141.0	<0.07		9.8		9.8	9.8	
ELLERSLIE C	55.7	0.01		0.6		0.6	0.6	
ELLERSLIE D	757.0	0.20		151.0		151.0	63.5	87.5
ELLERSLIE E	131.0	0.20		26.2		26.2	21.8	4.4
ELLERSLIE F	100.0	0.15		15.0		15.0	11.3	3.7
ELLERSLIE G	230.0	<0.01		0.9		0.9	0.9	
ELLERSLIE J	31.2	<0.01		0.1		0.1	0.1	
ELLERSLIE K	237.0	0.15		35.6		35.6	27.4	8.2
ELLERSLIE M	81.9	0.15		12.3		12.3	2.8	9.5
ELLERSLIE O	100.0	0.10		10.0		10.0	0.1	9.9
FIELD TOTAL	6 892.4			854.9		854.9	503.2	351.7
RACOSTA 031-11W4								
VIKING A	94.3	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE A	138.0	<0.02		1.4		1.4	1.4	
UPPER MANNVILLE B	121.0	<0.01		0.2		0.2	0.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
436	6.20	0.260	0.20	0.94	18	888	34	8 272	-260.8	988.5	1991	1997-04 GPP
16	4.01	0.230	0.40	0.96	14	868	33	6 148	-202.7	950.1	1993	1994-08 GPP
4	3.60	0.260	0.28	0.96	14	868	33	6 778	-222.4	1 018.0	1993	1994-08 GPP
16	2.50	0.250	0.25	0.90	28	888	39	7 497	-312.6	1 086.3	1993	1994-10 GPP
16	2.70	0.280	0.38	0.96	14	868	33	6 198	-212.1	976.7	1994	1997-12 GPP
143	2.30	0.260	0.33	0.91	33	862	40	7 243	-292.8	1 073.6	1994	1996-08 GPP
48	1.79	0.250	0.38	0.90	38	888	30	6 633	-293.3	1 066.8	1995	1997-11 GPP
64	2.02	0.240	0.45	0.93	29	899	35	6 976	-275.6	1 059.8	1995	1996-08 GPP
16	1.50	0.280	0.29	0.91	29	880	33	5 319	-170.9	921.3	1996	1996-11 GPP
16	1.00	0.210	0.38	0.94	22	860	40	7 012	-297.0	1 070.0	1996	1996-09 GPP
32	4.01	0.250	0.35	0.93	31	880	34	7 280	-230.6	991.0	1995	1996-10 GPP
48	3.90	0.270	0.19	0.94	25	876	30	6 751	-219.2	1 023.5	1996	1996-10 GPP
100	2.13	0.240	0.30	0.89	45	870	35	4 745	-267.2	998.8	1996	1996-11 GPP
8	3.58	0.260	0.31	0.94	23	888	35	7 008	-211.9	972.1	1996	1997-12 GPP
16	2.00	0.260	0.33	0.93	29	900	40	6 828	-296.9	1 079.0	1996	1997-05 GPP
12	6.21	0.230	0.42	0.96	15	867	33	7 223	-205.9	969.4	1996	1997-07 GPP
8	3.76	0.250	0.38	0.96	17	897	35	4 065	-247.5	1 024.4	1996	1997-08 GPP
16	1.50	0.220	0.43	0.92	35	860	35	6 208	-293.9	1 073.0	1997	1997-12
32	4.22	0.230	0.36	0.97	9	935	28	7 141	-271.7	1 050.8	1988	1989-04
64	2.20	0.030	0.45	0.89	41	903	41	8 410	-262.2	1 016.2	1980	1991-09 ABAND 1985
65	5.49	0.070	0.40	0.80	25	855	40	7 812	-357.0	1 131.4	1973	1976-12 ABAND 1991
128	1.11	0.150	0.26	0.80	125	881	50	13 235	-818.6	1 466.8	1994	1997-02 ABAND 1996
64	7.00	0.060	0.19	0.57	246	822	88	27 707	-1 986.5	2 610.0	1983	1996-07
100	14.10	0.070	0.17	0.56	247	825	82	28 575	-2 058.4	2 682.2	1983	1996-07 GPP
64	8.00	0.052	0.22	0.63	212	801	80	28 780	-2 087.8	2 722.7	1987	1988-12 ABAND 1990
64	4.00	0.160	0.22	0.59	222	828	100		-2 402.2	3 067.3	1996	1997-10 GPP
16	15.50	0.120	0.47	0.85	59	875	40	11 166	-462.9	1 387.6	1995	1996-07
175	3.13	0.210	0.31	0.73	120	836	46	12 907	-504.9	1 381.5	1990	1995-12 GPP
229	2.57	0.210	0.23	0.85	70	871	39	12 722	-489.6	1 455.9	1992	1997-12 GPP
16	3.90	0.200	0.30	0.86	65	868	40	11 531	-500.2	1 382.0	1993	1996-12 GPP
64	2.14	0.110	0.40	0.84	74	870	38	11 872	-527.0	1 409.7	1978	1990-12 ABAND 1985
32	1.99	0.180	0.28	0.86	66	868	40	12 173	-526.7	1 394.8	1993	1998-12 GPP
16	1.00	0.130	0.30	0.85	65	868	40	13 889	-497.9	1 370.8	1993	1996-07
8	5.50	0.130	0.20	0.83	73	845	40	12 952	-510.8	1 379.8	1992	1998-12 GPP
16	9.00	0.220	0.23	0.86	66	871	32	12 838	-506.1	1 389.8	1994	1994-07 GPP
32	12.10	0.140	0.31	0.82	73	845	40	13 223	-546.9	1 459.5	1994	1996-08 GPP
16	3.20	0.200	0.35	0.82	73	845	40	12 768	-495.7	1 432.9	1994	1998-12 GPP
16	5.00	0.140	0.36	0.82	73	845	40	11 932	-455.4	1 409.8	1994	1996-08 GPP
16	3.00	0.200	0.41	0.82	73	845	40	12 996	-516.7	1 407.3	1994	1996-07 GPP
32	3.30	0.220	0.18	0.82	73	845	40	12 400	-505.8	1 421.4	1994	1995-03 GPP
64	4.00	0.210	0.21	0.86	65	868	40	12 884	-511.8	1 431.0	1994	1995-05 GPP
234	7.70	0.140	0.46	0.87	58	871	39	12 594	-473.8	1 431.9	1994	1998-03 GPP
93	5.70	0.210	0.22	0.86	65	868	31	12 923	-500.6	1 388.7	1994	1995-10
32	1.00	0.160	0.36	0.86	65	868	40	11 543	-501.6	1 402.5	1994	1995-10
64	0.50	0.140	0.40	0.95	17	875	32	12 441	-507.9	1 394.8	1994	1995-02 GPP
64	2.00	0.090	0.48	0.83	83	838	45	13 590	-556.6	1 463.2	1987	1988-07 ABAND 1989
64	2.15	0.160	0.20	0.80	80	861	45	12 259	-506.1	1 388.5	1963	1993-01 ABAND 1992
64	0.80	0.200	0.36	0.85	59	877	41	12 406	-519.1	1 452.5	1989	1989-09 ABAND 1990
476	1.40	0.180	0.23	0.82	79	861	45	13 238	-523.1	1 413.7	1976	1993-10
64	2.52	0.180	0.45	0.82	79	861	45	12 902	-483.4	1 467.0	1992	1994-03 GPP
91	1.12	0.190	0.37	0.82	79	861	45	12 767	-489.8	1 434.7	1992	1994-06 GPP
128	2.54	0.150	0.47	0.89	79	867	33	13 001	-516.1	1 423.6	1992	1996-07
16	2.00	0.180	0.34	0.82	79	861	45	12 111	-488.2	1 455.7	1993	1996-07
128	1.73	0.150	0.25	0.95	79	861	45	13 427	-556.5	1 453.0	1993	1997-07
32	3.00	0.160	0.35	0.82	79	861	45	11 935	-593.9	1 565.0	1994	1994-12
32	5.00	0.150	0.49	0.82	79	861	45	13 439	-498.6	1 439.5	1995	1995-09
64	2.47	0.134	0.50	0.89	37	852	27	7 634	-124.7	895.1	1980	1984-12 ABAND 1983
32	4.50	0.180	0.38	0.86	55	871	39	5 804	-266.0	1 048.4	1981	1994-06 ABAND 1993
32	4.00	0.180	0.38	0.85	64	871	38	7 532	-273.7	1 048.2	1978	1994-06 ABAND 1993

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
RACOSTA 031-11W4 (CONTINUED)									
BASAL QUARTZ A	750.0	0.16		120.0		120.0	106.5	13.5	
ARCS A	73.5	<0.02		1.2		1.2	1.2		
FIELD TOTAL	1 176.8			123.1		123.1	109.6	13.5	
RAINBOW 109-05W6									
SLAVE POINT B	373.0	0.07		26.1		26.1	16.2	9.9	
SULPHUR POINT B	4 001.0	0.12	0.08	480.0	320.0	800.0	589.7	210.3	
WATER FLOOD									
SULPHUR POINT C	642.0	0.08		51.4		51.4	46.2	5.2	
SULPHUR POINT E	127.0	<0.01		0.1		0.1	0.1		
SULPHUR POINT L	130.0	<0.05		5.9		5.9	5.9		
SULPHUR POINT O	600.0	0.15		90.0		90.0	78.0	12.0	
SULPHUR POINT R	40.4	<0.01		0.3		0.3	0.3		
SULPHUR POINT V	151.0	<0.09		13.3		13.3	13.3		
MUSKEG A	636.0	<0.08		46.1		46.1	46.1		
MUSKEG B	54.1	<0.13		6.7		6.7	6.7		
MUSKEG C WATER FLOOD	3 000.0	0.25	0.05	750.0	150.0	900.0	774.1	125.9	
MUSKEG D	300.0	<0.02		5.9		5.9	5.9		
MUSKEG F	3 180.0	0.15		477.0		477.0	421.8	55.2	
MUSKEG G	159.0	<0.04		5.5		5.5	5.5		
MUSKEG J	110.0	0.22		24.2		24.2	22.2	2.0	
MUSKEG K WATER FLOOD	705.0	0.15	0.05	106.0	35.3	141.0	110.9	30.1	
MUSKEG M	632.0	0.10		63.2		63.2	38.4	24.8	
MUSKEG N	2 000.0	0.08		160.0		160.0	140.3	19.7	
MUSKEG O	6 695.0	0.07		469.0		469.0	426.1	42.9	
MUSKEG P	135.0	<0.06		7.3		7.3	7.3		
MUSKEG R	52.5	<0.01		0.1		0.1	0.1		
MUSKEG S WATER FLOOD	2 000.0	0.15	0.10	300.0	200.0	500.0	488.9	11.1	
MUSKEG T	493.0	0.15		74.0		74.0	46.1	27.9	
MUSKEG Y	455.0	0.08		36.4		36.4	29.7	6.7	
MUSKEG Z	61.8	<0.04		2.1		2.1	2.1		
MUSKEG AA	127.0	0.15		19.1		19.1	10.7	8.4	
MUSKEG BB	197.0	0.20		39.4		39.4	36.8	2.6	
MUSKEG CC	253.0	0.02		5.1		5.1	2.7	2.4	
MUSKEG EE	113.0	0.15		17.0		17.0	12.6	4.4	
MUSKEG FF	127.0	<0.02		1.4		1.4	1.4		
MUSKEG GG	46.2	<0.15		6.6		6.6	6.6		
MUSKEG JJ	8.3	<0.09		0.7		0.7	0.7		
MUSKEG LL	85.4	0.10		8.5		8.5	2.4	6.1	
MUSKEG II & KEG RIVER K	2 200.0	0.45		990.0		990.0	946.5	43.5	
MUSKEG HH & KEG RIVER M2M	245.0	0.04		9.8		9.8	9.8		
KEG RIVER A	14 320.0	0.50	0.23	7 160.0	3 294.0	10 450.0	10 226.6	223.4	
SOLVENT FLOOD									
KEG RIVER B	43 000.0	0.40	0.32	17 200.0	13 600.0	30 800.0	22 960.5	7 839.5	
SOLVENT FLOOD									
KEG RIVER D	1 130.0	0.40	0.30	452.0	339.0	791.0	749.7	41.3	
SOLVENT FLOOD									
KEG RIVER E	4 520.0	0.35	0.28	1 582.0	1 266.0	2 848.0	2 637.8	210.2	
SOLVENT FLOOD									
KEG RIVER F TOTAL	37 000.0			15 690.0	3 601.0	19 290.0	17 756.3	1 533.7	
SOLVENT FLOOD AREA	4 180.0	0.42	0.18	1 772.0	778.0	2 550.0			
GAS FLOOD AREA	32 820.0	0.42	0.08	13 920.0	2 823.0	16 740.0			
KEG RIVER G	2 479.0	0.43	0.41	1 076.0	1 031.0	2 107.0	2 080.8	26.2	
SOLVENT FLOOD									
KEG RIVER H	2 833.0	0.40	0.20	1 133.0	567.0	1 700.0	1 663.2	36.8	
SOLVENT FLOOD									
KEG RIVER I	5 500.0	0.37	0.18	2 035.0	990.0	3 025.0	2 914.7	110.3	
WATER FLOOD									
KEG RIVER M	477.0	<0.29		137.3		137.3	137.2	0.1	
KEG RIVER N	2 940.0	0.30	0.13	882.0	397.0	1 279.0	1 181.8	97.2	
GAS FLOOD									
KEG RIVER O	6 200.0	0.40	0.30	2 480.0	1 860.0	4 340.0	4 134.6	205.4	
SOLVENT FLOOD									
KEG RIVER P	795.0	<0.21		164.5		164.5	164.5		
KEG RIVER Q	382.0	0.25		95.5		95.5	59.6	35.9	
KEG RIVER R	70.2	0.20		14.0		14.0	4.8	9.2	
KEG RIVER S	2 110.0	0.38		802.0		802.0	784.3	17.7	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
256	2.53	0.240	0.44	0.86	65	868	36	8 855	-284.6	1 079.3	1979	1997-12 GPP
16	4.70	0.130	0.20	0.94	14	839	44	8 157	-379.3	1 149.5	1993	1996-07 GPP
64	9.80	0.110	0.40	0.90	45	854	40	12 551	-887.4	1 241.6	1970	1998-12 GPP
733	10.83	0.091	0.22	0.71	101	834	72	14 461	-1 113.7	1 547.6	1967	1992-06
192	5.37	0.100	0.18	0.76	121	839	68	15 625	-1 143.5	1 593.1	1965	1993-12 GPP
65	6.10	0.055	0.25	0.78	89	849	74	14 535	-1 122.7	1 641.5	1967	1971-03 ABAND 1995
65	5.79	0.080	0.45	0.79	75	844	94	15 299	-1 183.2	1 671.8	1969	1994-11 ABAND 1990
41	17.30	0.112	0.09	0.83	65	839	81	17 045	-1 247.4	1 739.3	1967	1993-05
16	6.00	0.065	0.21	0.82	76	838	68	15 666	-1 149.1	1 618.3	1989	1996-07 GPP
32	9.00	0.090	0.18	0.71	100	695	83	15 257	-1 186.5	1 726.5	1967	1996-12 GPP
119	7.22	0.097	0.08	0.83	56	844	86	15 200	-1 229.6	1 762.7	1966	1995-12 ABAND 1993
16	11.43	0.050	0.20	0.74	107	820	82	15 546	-1 196.0	1 659.9	1966	1976-12 ABAND 1979
450	11.60	0.089	0.15	0.76	92	834	84	16 678	-1 154.6	1 589.3	1967	1994-12 GPP
81	9.14	0.060	0.10	0.75	105	834	77	14 679	-1 123.9	1 625.3	1967	1984-12 ABAND 1993
970	9.14	0.057	0.15	0.74	103	825	88	15 625	-1 189.5	1 644.8	1965	1976-08 GPP
81	5.76	0.050	0.15	0.80	56	834	86	14 632	-1 132.0	1 604.2	1967	1979-04 ABAND 1979
36	6.10	0.080	0.15	0.74	108	825	88	16 101	-1 243.2	1 726.9	1973	1997-12 GPP
87	13.40	0.080	0.10	0.84	129	884	82	17 004	-1 234.7	1 707.6	1977	1994-12 GPP
128	15.80	0.050	0.20	0.78	87	845	84	15 458	-1 282.6	1 765.9	1982	1989-09 GPP
526	8.08	0.070	0.17	0.81	62	834	86	20 332	-1 293.3	1 864.0	1982	1996-08
704	17.47	0.080	0.16	0.81	61	832	80	18 672	-1 337.3	1 838.2	1968	1995-08
64	5.80	0.060	0.20	0.76	85	828	84	16 397	-1 304.0	1 804.0	1965	1996-07 GPP
64	3.00	0.060	0.40	0.76	95	838	85	14 952	-1 185.1	1 621.5	1984	1988-12 ABAND 1993
189	14.00	0.100	0.10	0.84	50	829	82	17 634	-1 336.9	1 826.7	1967	1994-12 GPP
103	11.86	0.060	0.20	0.84	56	833	81	20 392	-1 372.8	1 866.7	1968	1987-12 GPP
150	6.03	0.073	0.16	0.82	60	835	80	21 142	-1 280.8	1 775.5	1984	1992-11 GPP
16	7.70	0.076	0.12	0.75	99	825	88	17 020	-1 237.2	1 725.1	1970	1996-07 ABAND 1997
32	11.34	0.060	0.28	0.81	62	840	86	20 159	-1 315.1	1 837.4	1986	1996-12 GPP
64	6.70	0.070	0.16	0.78	140	840	87	16 852	-1 247.3	1 737.8	1984	1996-12
64	9.50	0.070	0.14	0.69	129	840	82	20 814	-1 238.3	1 722.8	1983	1995-02
64	7.30	0.045	0.22	0.69	129	856	82	16 388	-1 270.9	1 752.8	1987	1987-12 GPP
32	7.00	0.090	0.16	0.75	99	825	88	15 157	-1 332.3	1 804.8	1989	1995-09 ABAND 1995
16	5.00	0.100	0.22	0.74	107	821	82	14 148	-1 163.6	1 669.6	1967	1996-07 GPP
16	1.00	0.080	0.12	0.74	107	821	82	15 662	-1 203.3	1 785.3	1983	1996-07
32	7.50	0.060	0.22	0.76	94	832	84	17 618	-1 117.5	1 637.3	1983	1996-08 GPP
511	26.21	0.030	0.26	0.74	106	815	88	15 933	-1 243.2	1 783.7	1966	1997-12 GPP
50	38.49	0.024	0.32	0.78	62	834	86	16 804	-1 221.1	1 835.9	1985	1998-12 ABAND 1998
253	90.22	0.101	0.10	0.69	141	811	84	18 552	-1 421.7	1 956.2	1965	1994-08 GPP
1 090	69.12	0.080	0.13	0.82	62	834	85	17 730	-1 339.4	1 822.5	1965	1984-07 GPP
34	46.32	0.100	0.08	0.78	77	825	82	17 361	-1 416.8	1 906.0	1966	1995-12 GPP
72	79.89	0.117	0.08	0.73	95	829	83	17 508	-1 353.0	1 825.6	1966	1994-08 GPP
1 362	32.53	0.080	0.20	0.69	135	815	85	17 412	-1 363.8	1 849.7	1966	1997-04 GPP
291	69.40	0.080	0.20	0.69								
1 071	69.10	0.080	0.08	0.75	85	829	83	17 846	-1 389.3	1 868.1	1966	1998-12 GPP
65												
86	48.68	0.094	0.10	0.80	78	829	84	20 613	-1 425.6	1 908.7	1966	1998-12 GPP
241	68.76	0.055	0.15	0.71	122	820	79	16 425	-1 279.6	1 739.3	1966	1991-09 GPP
106	16.40	0.047	0.22	0.75	106	797	84	15 557	-1 220.6	1 680.0	1966	1997-12 ABAND 1997
486	28.31	0.037	0.25	0.77	87	815	84	15 869	-1 237.2	1 837.8	1966	1993-03 GPP
281	61.26	0.060	0.13	0.69	135	815	84	16 654	-1 294.6	1 848.1	1966	1994-08 GPP
40	34.12	0.085	0.11	0.77	88	834	83	16 552	-1 423.0	1 875.7	1967	1996-07 GPP
64	18.87	0.073	0.15	0.51	295	765	82	16 943	-1 328.0	1 791.9	1967	1988-10 GPP
20	12.19	0.045	0.20	0.80	76	855	87	15 521	-1 211.3	1 727.3	1967	1997-09 GPP
342	17.75	0.055	0.19	0.78	87	825	85	15 821	-1 206.8	1 746.0	1966	1984-12 GPP

TABLE 2-6

FIELD POOL	1	3		5		6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RAINBOW 109-05W6 (CONTINUED)								
KEG RIVER T SOLVENT FLOOD	3 500.0	0.35	0.22	1 225.0	770.0	1 995.0	1 949.9	45.1
KEG RIVER U	3 472.0	0.45		1 562.0		1 562.0	1 394.0	168.0
KEG RIVER V	41.9	<0.01		0.4		0.4	0.4	
KEG RIVER W	343.0	0.11		37.7		37.7	33.2	4.5
KEG RIVER X	780.0	0.50		390.0		390.0	381.6	8.4
KEG RIVER Y	28.5	<0.06		1.5		1.5	1.5	
KEG RIVER Z SOLVENT FLOOD	3 500.0	0.32	0.33	1 120.0	1 155.0	2 275.0	2 116.9	158.1
KEG RIVER AA SOLVENT FLOOD	11 000.0	0.45	0.25	4 950.0	2 750.0	7 700.0	7 365.0	335.0
KEG RIVER DD	585.0	0.40		234.0		234.0	141.9	92.1
KEG RIVER EE WATER FLOOD	3 521.0	0.45	0.30	1 584.0	1 056.0	2 640.0	2 203.4	436.6
KEG RIVER FF SOLVENT FLOOD	2 500.0	0.42	0.31	1 050.0	775.0	1 825.0	1 438.8	386.2
KEG RIVER GG	1 786.0	0.70		1 250.0		1 250.0	1 086.8	163.2
KEG RIVER HH	186.0	<0.02		3.2		3.2	3.2	
KEG RIVER II SOLVENT FLOOD	3 800.0	0.45	0.20	1 710.0	760.0	2 470.0	2 242.3	227.7
KEG RIVER JJ WATER FLOOD	1 360.0	0.27	0.11	367.0	150.0	517.0	513.2	3.8
KEG RIVER KK WATER FLOOD	445.0	0.35	0.15	156.0	66.8	223.0	213.3	9.7
KEG RIVER LL	1 590.0	0.20		318.0		318.0	305.8	2.2
KEG RIVER MM	1 840.0	0.25		460.0		460.0	362.8	97.2
KEG RIVER NN	679.0	0.20		136.0		136.0	121.8	14.2
KEG RIVER OO WATER FLOOD	2 840.0	0.35	0.05	994.0	142.0	1 136.0	1 077.4	58.6
KEG RIVER PP TOTAL	953.0			334.0	44.2	378.0	329.5	48.5
PRIMARY AREA	400.0	0.20		80.0		80.0		
WATER FLOOD AREA	553.0	0.46	0.08	254.0	44.2	298.0		
KEG RIVER RR WATER FLOOD	413.0	0.40	0.13	165.0	53.7	219.0	218.8	0.2
KEG RIVER SS	477.0	0.23		110.0		110.0	66.3	43.7
KEG RIVER TT	41.0	<0.02		0.5		0.5	0.5	
KEG RIVER VV WATER FLOOD	319.0	<0.35	0.07	112.0	23.3	135.3	135.3	
KEG RIVER WW	479.0	<0.14		63.5		63.5	63.5	
KEG RIVER XX	183.0	<0.15		27.3		27.3	27.3	
KEG RIVER ZZ	413.0	0.45		186.0		186.0	142.6	43.4
KEG RIVER BBB	600.0	<0.16		92.2		92.2	92.2	
KEG RIVER CCC	556.0	0.31		172.0		172.0	166.5	5.5
KEG RIVER DDD WATER FLOOD	700.0	0.23	0.03	161.0	21.0	182.0	177.1	4.9
KEG RIVER EEE SOLVENT FLOOD	1 580.0	<0.40	0.08	630.0	140.0	770.0	761.2	8.8
KEG RIVER GGG	512.0	0.40		205.0		205.0	179.8	25.2
KEG RIVER HHH	254.0	<0.10		25.1		25.1	25.1	
KEG RIVER JJJ	300.0	0.16		48.0		48.0	38.3	9.7
KEG RIVER KKK	160.0	0.32		51.2		51.2	43.5	7.7
KEG RIVER LLL	329.0	0.20		65.8		65.8	38.9	26.9
KEG RIVER MMM	127.0	0.10		12.7		12.7	3.4	9.3
KEG RIVER NNN	92.9	<0.02		1.1		1.1	1.1	
KEG RIVER OOO WATER FLOOD	234.0	0.30	0.10	70.2	23.4	93.6	71.7	21.9
KEG RIVER QOO	974.0	0.30		292.0		292.0	255.0	37.0
KEG RIVER SSS	195.0	<0.29		55.8		55.8	55.8	
KEG RIVER TTT	497.0	0.44		219.0		219.0	176.6	42.4
KEG RIVER UUU	111.0	0.41		45.5		45.5	39.7	5.8
KEG RIVER VVV	137.0	<0.08		10.0		10.0	10.0	
KEG RIVER WWW	377.0	0.15		56.6		56.6	20.3	36.3
KEG RIVER XXX	58.4	0.05		2.9		2.9	2.9	
KEG RIVER YYY	140.0	<0.11		14.3		14.3	14.3	
KEG RIVER ZZZ	51.1	<0.03		1.1		1.1	1.1	
KEG RIVER A2A	161.0	0.13		20.9		20.9	11.2	9.7
KEG RIVER B2B	261.0	0.02		5.2		5.2	2.5	2.7
KEG RIVER C2C WATER FLOOD	2 540.0	0.35	0.05	889.0	127.0	1 016.0	914.4	101.6
KEG RIVER D2D	90.0	<0.04		3.4		3.4	3.4	
KEG RIVER E2E	93.6	0.48		44.9		44.9	33.4	11.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
90	63.44	0.086	0.12	0.81	78	844	86	16 649	-1 266.2	1 770.9	1967	1998-12 GPP
250	34.88	0.060	0.16	0.79	79	844	88	15 549	-1 217.0	1 736.7	1966	1997-12
32	5.49	0.048	0.29	0.70	99	844	87	14 944	-1 161.0	1 502.4	1966	1968-05 ABAND 1991
38	21.95	0.066	0.19	0.77	93	811	77	15 854	-1 233.6	1 864.5	1967	1998-09 GPP
83	17.39	0.090	0.13	0.69	131	815	87	15 588	-1 206.9	1 621.9	1966	1996-03 GPP
64	5.79	0.020	0.45	0.70	126	820	87	15 026	-1 163.2	1 561.3	1966	1988-12
181	45.86	0.076	0.27	0.76	86	834	86	16 024	-1 204.4	1 614.5	1967	1998-12 GPP
291	68.59	0.086	0.11	0.72	92	829	84	16 614	-1 283.4	1 705.3	1967	1988-11 GPP
134	18.42	0.040	0.25	0.79	80	820	87	15 363	-1 210.5	1 793.9	1967	1998-12 GPP
409	36.30	0.040	0.23	0.77	88	834	86	15 240	-1 195.2	1 682.1	1967	1998-12 GPP
92	46.13	0.085	0.10	0.77	86	839	87	15 900	-1 223.3	1 719.0	1967	1987-08 GPP
400	22.55	0.033	0.20	0.75	81	784	93	16 085	-1 225.0	1 710.9	1966	1996-09 GPP
16	42.06	0.046	0.25	0.80	85	820	84	17 967	-1 391.7	1 881.5	1967	1989-12 ABAND 1990
104	56.90	0.100	0.12	0.73	85	820	89	17 628	-1 344.6	1 832.7	1967	1991-11 GPP
51	48.41	0.085	0.10	0.72	110	815	90	17 217	-1 326.1	1 809.5	1967	1998-12 GPP
168	11.61	0.040	0.25	0.76	74	779	94	16 352	-1 253.3	1 742.5	1967	1998-12 GPP
304	35.92	0.026	0.30	0.80	68	797	86	15 599	-1 197.3	1 612.8	1967	1998-12 GPP
518	25.13	0.027	0.32	0.77	81	855	84	15 506	-1 163.5	1 680.7	1967	1992-06 GPP
166	13.01	0.053	0.23	0.77	70	806	86	15 393	-1 194.1	1 612.9	1967	1991-12 GPP
421	18.99	0.057	0.18	0.76	92	825	85	14 844	-1 118.0	1 553.9	1967	1994-12 GPP
128					106	784	94	15 572	-1 207.3	1 669.5	1967	1989-12
64	32.90	0.033	0.20	0.72								GPP
64	39.46	0.038	0.20	0.72								GPP
39	24.40	0.070	0.15	0.73	98	779	93	15 976	-1 249.9	1 740.3	1968	1997-09 GPP
47	28.65	0.054	0.20	0.82	57	834	87	15 298	-1 187.4	1 713.3	1968	1997-12 GPP
36	10.15	0.023	0.35	0.75	108	797	83	15 619	-1 213.9	1 670.5	1966	1977-09 ABAND 1978
71	22.00	0.040	0.25	0.68	74	834	73	16 206	-1 253.2	1 750.3	1968	1994-09 ABAND 1994
50	58.49	0.030	0.30	0.78	81	849	82	15 223	-1 174.4	1 510.0	1968	1996-07 GPP
39	19.04	0.040	0.20	0.77	75	825	84	15 571	-1 204.2	1 747.4	1968	1991-12 ABAND 1991
96	27.43	0.030	0.33	0.78	84	834	87	15 153	-1 180.7	1 518.3	1968	1998-12 GPP
106	30.25	0.032	0.24	0.77	95	839	82	15 881	-1 235.6	1 579.4	1968	1998-12 ABAND 1994
41	40.39	0.050	0.15	0.79	89	839	80	15 614	-1 227.7	1 562.7	1968	1998-12 GPP
50	40.63	0.054	0.15	0.75	55	834	87	15 462	-1 175.0	1 579.3	1968	1998-12 GPP
21	75.40	0.147	0.07	0.73	95	839	86	17 730	-1 382.2	1 872.0	1968	1995-12 GPP
154	14.39	0.040	0.25	0.77	85	834	82	15 083	-1 174.3	1 510.9	1968	1991-06 GPP
303	9.69	0.018	0.40	0.80	68	797	84	14 796	-1 182.5	1 590.0	1967	1996-07 GPP
41	48.40	0.025	0.27	0.83	68	839	86	15 176	-1 188.6	1 527.5	1969	1996-08 GPP
11	40.84	0.053	0.15	0.79	82	834	88	15 760	-1 238.4	1 886.4	1969	1998-12 GPP
50	35.80	0.030	0.27	0.84	55	844	87	15 065	-1 163.6	1 508.9	1969	1998-06 GPP
12	31.50	0.050	0.15	0.79	66	834	86	15 146	-1 231.0	1 876.0	1969	1996-12 GPP
16	33.83	0.033	0.35	0.80	67	839	79	15 056	-1 162.3	1 611.2	1969	1996-12
81	9.91	0.045	0.20	0.81	64	811	97	16 013	-1 259.7	1 748.9	1970	1998-12 GPP
358	15.96	0.030	0.29	0.80	55	811	90	15 369	-1 190.9	1 612.3	1968	1998-12 GPP
65	10.06	0.047	0.16	0.76	101	825	84	15 643	-1 236.4	1 687.5	1972	1998-06 ABAND 1998
64	21.03	0.060	0.20	0.77	89	811	88	15 782	-1 241.6	1 862.5	1973	1997-12 GPP
31	12.41	0.048	0.20	0.76	92	815	83	15 545	-1 237.9	1 687.8	1974	1998-12 GPP
65	8.75	0.043	0.27	0.77	85	834	89	14 692	-1 157.6	1 491.4	1970	1998-04 ABAND 1997
32	54.00	0.040	0.30	0.78	81	810	87	14 963	-1 176.3	1 579.0	1980	1998-12 GPP
16	12.00	0.050	0.20	0.76	104	815	72	13 935	-1 142.2	1 538.5	1982	1982-07 ABAND 1991
45	50.00	0.020	0.60	0.78	81	783	93	12 972	-1 206.1	1 625.0	1982	1996-04 ABAND 1995
16	15.00	0.040	0.28	0.74	105	803	45	14 674	-1 183.0	1 584.4	1983	1984-05 ABAND 1989
32	11.50	0.060	0.13	0.84	100	824	86	15 588	-1 190.6	1 692.8	1984	1998-10
128	19.76	0.020	0.32	0.76	69	834	88	14 866	-1 168.1	1 680.3	1982	1998-08
71	74.15	0.080	0.10	0.67	140	815	84	20 529	-1 428.2	1 918.9	1966	1994-12 GPP
11	57.54	0.030	0.40	0.79	54	823	82	14 872	-1 173.1	1 572.8	1985	1996-07 GPP
64	19.00	0.020	0.45	0.70	112	800	100	16 817	-1 376.2	1 946.5	1985	1997-12

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RAINBOW 109-05W6 (CONTINUED)								
KEG RIVER F2F	26.9	<0.14		3.7		3.7	3.7	*
KEG RIVER G2G	32.4	0.01		0.3		0.3	0.3	
KEG RIVER H2H	200.0	0.35	0.10	70.0	20.0	90.0	86.3	3.7
GAS FLOOD								
KEG RIVER I2I	147.0	0.30		44.1		44.1	38.4	5.7
KEG RIVER J2J	36.6	<0.01		0.1		0.1	0.1	
KEG RIVER K2K	180.0	<0.05		8.1		8.1	8.1	
KEG RIVER L2L	56.8	<0.01		0.2		0.2	0.2	
KEG RIVER N2N	139.0	0.20		27.8		27.8	20.0	7.8
KEG RIVER O2O	1 300.0	0.35		455.0		455.0	429.2	25.8
KEG RIVER P2P	112.0	<0.02		1.9		1.9	1.9	
KEG RIVER O2O	280.0	0.30		84.0		84.0	65.0	19.0
KEG RIVER R2R	20.8	<0.05		0.9		0.9	0.9	
KEG RIVER S2S	322.0	0.10		32.2		32.2	20.3	11.9
KEG RIVER T2T	63.8	<0.02		0.8		0.8	0.8	
KEG RIVER U2U	99.3	0.15		14.9		14.9	11.8	3.1
KEG RIVER V2V	158.0	<0.06		8.6		8.6	8.6	
KEG RIVER W2W	47.7	0.01		0.5		0.5	0.5	
KEG RIVER X2X	22.2	<0.24		5.2		5.2	5.2	
KEG RIVER Y2Y	1 000.0	0.28		280.0		280.0	275.7	4.3
KEG RIVER Z2Z	650.0	0.40		260.0		260.0	254.0	6.0
KEG RIVER B3B	864.0	0.54		467.0		467.0	345.6	121.4
KEG RIVER C3C	54.0	0.10		5.4		5.4	5.4	
KEG RIVER D3D	354.0	<0.02		3.7		3.7	3.7	
KEG RIVER E3E	161.0	<0.01		1.4		1.4	1.4	
KEG RIVER F3F	89.5	0.20		17.9		17.9	5.1	12.8
KEG RIVER G3G	64.2	<0.07		4.4		4.4	4.4	
KEG RIVER H3H	84.2	<0.02		1.6		1.6	1.6	
KEG RIVER I3I	500.0	0.10		50.0		50.0	22.9	27.1
KEG RIVER J3J	77.9	0.30		23.4		23.4	19.2	4.2
KEG RIVER K3K	25.0	<0.04		0.8		0.8	0.8	
KEG RIVER L3L	77.0	<0.03		2.3		2.3	2.3	
KEG RIVER M3M	245.0	<0.01		0.1		0.1	0.1	
KEG RIVER N3N	64.0	0.20		12.8		12.8	12.8	
KEG RIVER O3O	174.0	0.20		34.8		34.8	5.2	29.6
KEG RIVER P3P	98.0	0.22		21.6		21.6	21.6	
KEG RIVER R3R	190.0	0.25		47.5		47.5	43.1	4.4
KEG RIVER S3S	470.0	0.10		47.0		47.0	16.2	30.8
KEG RIVER U3U	89.3	0.13		11.6		11.6	4.5	7.1
KEG RIVER V3V	303.0	<0.01		1.0		1.0	1.0	
KEG RIVER W3W	106.0	0.23		24.4		24.4	22.6	1.8
KEG RIVER Y3Y	93.0	0.02		1.9		1.9	1.5	0.4
KEG RIVER Z3Z	143.0	0.30		42.9		42.9	15.7	27.2
KEG RIVER A4A	71.9	0.05		3.6		3.6	2.5	1.1
KEG RIVER B4B	183.0	<0.01		1.6		1.6	1.6	
KEG RIVER C4C	95.3	0.20		19.1		19.1	7.5	11.6
KEG RIVER D4D	33.9	<0.01		0.3		0.3	0.3	
KEG RIVER E4E	645.0	0.25		161.0		161.0	22.2	138.8
KEG RIVER F4F	91.9	0.20		18.4		18.4	0.6	17.8
KEG RIVER G4G	52.1	0.20		10.4		10.4	0.8	9.6
FIELD TOTAL	222 491.0			79 279.7	35 727.7	115 002.4	100 708.1	14 294.3
RAINBOW SOUTH 107-09W6								
SULPHUR POINT B	23.8	<0.05		1.0		1.0	1.0	
MUSKEG A	192.0	0.40		76.8		76.8	53.2	23.6
MUSKEG B	596.0	0.15		89.4		89.4	65.0	24.4
MUSKEG C	157.0	0.25		39.3		39.3	32.3	7.0
MUSKEG D	157.0	<0.08		11.1		11.1	11.1	
MUSKEG F	112.0	<0.01		0.2		0.2	0.2	
MUSKEG G	600.0	<0.14		81.5		81.5	81.5	
MUSKEG H WATER FLOOD	3 200.0	0.12	0.05	384.0	160.0	544.0	447.5	96.5
MUSKEG J	107.0	<0.07		7.0		7.0	7.0	
MUSKEG K	532.0	<0.12		62.6		62.6	62.6	
MUSKEG L	130.0	<0.03		3.0		3.0	3.0	
MUSKEG O	1 250.0	0.05		62.5		62.5	50.3	12.2
MUSKEG P	2 501.0	0.10		250.0		250.0	208.6	41.4
MUSKEG S	288.0	<0.09		24.5		24.5	24.5	
MUSKEG U	259.0	0.20		51.8		51.8	38.3	13.5
MUSKEG V	76.7	<0.05		3.2		3.2	3.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	16.50	0.020	0.37	0.81	54	820	94	14 452	-1 159.6	1 620.1	1985	1984-03 ABAND 1990
16	31.00	0.013	0.38	0.81	64	820	65	12 880	-1 197.0	1 621.5	1985	1989-12 ABAND 1991
57	9.70	0.060	0.12	0.68	143	817	87	16 343	-1 288.0	1 776.7	1968	1996-09 GPP
64	17.40	0.020	0.24	0.87	41	831	75	14 934	-1 156.8	1 596.6	1985	1993-04 GPP
16	34.00	0.016	0.50	0.84	53	820	81	14 239	-1 184.4	1 527.0	1985	1988-12 ABAND 1990
50	12.24	0.053	0.27	0.76	70	818	88	14 894	-1 214.9	1 634.6	1985	1992-10 ABAND 1991
16	10.50	0.051	0.15	0.78	81	828	84	13 704	-1 154.7	1 503.3	1986	1986-06 ABAND 1988
64	26.40	0.020	0.45	0.75	86	786	90	13 965	-1 264.4	1 754.7	1984	1990-10 GPP
48	88.30	0.048	0.17	0.77	143	790	87	16 622	-1 386.2	1 889.9	1986	1987-12
64	23.00	0.019	0.40	0.67	143	780	87	14 936	-1 332.5	1 836.5	1986	1989-12
64	12.00	0.055	0.16	0.79	108	817	87	14 578	-1 227.5	1 684.0	1986	1991-12 GPP
32	11.00	0.011	0.33	0.80	55	760	90	15 175	-1 225.2	1 650.5	1986	1989-12 ABAND 1991
64	14.00	0.057	0.18	0.77	85	846	81	16 453	-1 308.6	1 793.8	1968	1992-12 GPP
16	57.00	0.016	0.44	0.78	81	843	84	13 801	-1 179.2	1 525.5	1986	1991-10 ABAND 1990
16	40.50	0.025	0.27	0.84	53	848	81	12 882	-1 178.1	1 516.3	1986	1998-12 GPP
64	59.00	0.010	0.45	0.76	91	837	87	15 174	-1 195.9	1 599.0	1986	1994-06 ABAND 1994
16	36.00	0.017	0.35	0.75	85	835	82	14 274	-1 177.5	1 516.0	1986	1989-12 ABAND 1990
16	32.60	0.012	0.50	0.71	180	757	95	16 957	-1 349.2	1 859.5	1987	1996-07
39	64.71	0.063	0.15	0.74	90	821	88	16 885	-1 336.7	1 827.0	1987	1994-12 GPP
39	66.40	0.042	0.17	0.72	112	810	90	16 807	-1 347.7	1 840.0	1987	1991-09 GPP
192	26.90	0.031	0.30	0.77	98	817	88	15 662	-1 242.6	1 846.8	1987	1998-12 GPP
64	18.00	0.010	0.30	0.67	143	761	75	16 680	-1 323.0	1 831.0	1987	1993-06 ABAND 1992
16	56.00	0.072	0.18	0.67	143	817	87	16 902	-1 358.9	1 851.9	1987	1998-12 ABAND 1994
18	57.94	0.036	0.36	0.67	120	793	90	15 171	-1 336.4	1 832.8	1987	1992-10 ABAND 1994
32	23.30	0.020	0.24	0.79	64	803	97	16 381	-1 258.6	1 750.4	1988	1997-12
32	11.00	0.030	0.20	0.76	71	776	97	14 060	-1 235.3	1 687.0	1988	1996-07 GPP
16	56.00	0.017	0.30	0.79	54	810	82	15 246	-1 195.0	1 601.0	1988	1996-07 GPP
39	36.20	0.070	0.17	0.61	143	817	87	17 023	-1 365.9	1 862.3	1988	1990-10 GPP
16	32.00	0.030	0.35	0.78	70	793	87	14 082	-1 215.6	1 631.0	1986	1998-12 GPP
16	19.30	0.018	0.43	0.79	76	829	87	15 727	-1 247.1	1 871.7	1988	1996-07 ABAND 1997
16	29.00	0.030	0.30	0.79	76	829	87	15 634	-1 241.9	1 856.5	1988	1994-11 GPP
64	21.50	0.030	0.23	0.77	87	768	87	14 926	-1 163.8	1 571.3	1987	1994-06 ABAND 1994
32	12.95	0.030	0.34	0.78	87	814	84	15 267	-1 210.5	1 788.5	1989	1996-04 ABAND 1996
32	69.00	0.020	0.42	0.68	149	816	78	16 107	-1 389.0	1 887.5	1990	1998-12 GPP
32	71.96	0.010	0.44	0.76	91	837	87	15 041	-1 195.0	1 705.9	1990	1998-12 GPP
40	11.00	0.070	0.13	0.71	108	784	94	15 360	-1 261.6	1 753.9	1990	1993-04 GPP
64	58.30	0.040	0.63	0.85	41	835	84	15 299	-1 199.1	1 540.0	1991	1998-05 GPP
16	36.00	0.030	0.32	0.76	69	834	88	14 331	-1 196.0	1 641.0	1992	1996-08 GPP
16	39.10	0.080	0.17	0.73	109	810	95	16 182	-1 324.7	1 810.5	1993	1997-12 ABAND 1997
32	36.00	0.020	0.34	0.70	131	800	91	15 481	-1 259.7	1 760.0	1993	1997-12 GPP
16	22.50	0.040	0.15	0.76	91	837	87	15 463	-1 225.7	1 626.3	1994	1998-12 GPP
64	7.00	0.050	0.16	0.76	90	821	88	13 092	-1 234.1	1 701.5	1995	1995-09 GPP
16	41.70	0.020	0.30	0.77	85	850	73	14 962	-1 231.2	1 572.5	1995	1998-12 GPP
32	18.78	0.050	0.20	0.76	90	821	88	15 219	-1 227.1	1 563.0	1969	1996-12 GPP
16	38.50	0.030	0.33	0.77	95	843	77	15 889	-1 238.4	1 575.8	1996	1997-05 GPP
32	27.50	0.010	0.50	0.77	67	816	88	15 056	-1 237.9	1 730.4	1996	1998-05 ABAND 1997
64	26.00	0.060	0.15	0.76	93	838	82		-1 237.7	1 837.4	1996	1997-07 GPP
20	9.00	0.070	0.10	0.81	62	834	86		-1 254.2	1 911.4	1997	1997-08 GPP
16	8.10	0.060	0.13	0.77	67	816	88		-1 347.2	1 857.2	1997	1998-04
11	3.04	0.120	0.14	0.69	154	829	60	19 869	-1 316.1	1 814.8	1968	1978-09
26	18.07	0.080	0.20	0.64	180	811	88	18 852	-1 406.3	1 893.4	1965	1997-12 GPP
168	4.73	0.120	0.12	0.71	121	825	84	18 191	-1 335.4	1 828.9	1966	1995-12 GPP
16	16.75	0.090	0.13	0.75	160	820	89	17 831	-1 387.0	1 883.8	1967	1998-12 GPP
32	9.54	0.080	0.15	0.75	107	820	82	17 780	-1 416.5	1 921.6	1968	1988-12 ABAND 1988
16	16.70	0.080	0.25	0.70	124	825	72	18 054	-1 401.2	1 903.5	1968	1978-04 ABAND 1979
63	19.78	0.080	0.14	0.70	160	825	90	18 021	-1 404.2	1 908.3	1978	1998-12 GPP
348	16.35	0.080	0.11	0.79	89	820	77	17 564	-1 385.0	1 858.5	1967	1994-12 GPP
32	8.00	0.070	0.12	0.68	130	802	78	17 491	-1 409.9	1 920.6	1979	1983-05 ABAND 1985
153	7.00	0.084	0.13	0.68	160	789	90	16 678	-1 406.1	1 919.9	1978	1996-07 GPP
24	11.80	0.080	0.10	0.64	160	790	90	18 096	-1 465.0	2 010.0	1983	1985-04 ABAND 1988
300	10.03	0.070	0.14	0.69	190	807	84	19 113	-1 320.9	1 817.9	1984	1998-12 GPP
439	12.13	0.069	0.17	0.82	57	838	81	18 662	-1 345.8	1 828.8	1984	1994-09 GPP
64	6.50	0.120	0.10	0.64	160	789	90	19 042	-1 425.8	1 930.5	1984	1994-11 ABAND 1994
32	14.32	0.098	0.10	0.64	160	758	90	15 125	-1 378.0	1 864.8	1967	1994-12 GPP
16	10.40	0.080	0.10	0.64	160	789	90	17 502	-1 376.8	1 848.0	1968	1996-07 ABAND 1996

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
RAINBOW SOUTH 107-09W6 (CONTINUED)									
KEG RIVER A WATER FLOOD	5 720.0	<0.23	0.08	1 314.7	457.0	1 771.7	1 771.7	*	
KEG RIVER B SOLVENT FLOOD	7 890.0	0.44	0.20	3 472.0	1 578.0	5 050.0	4 527.2	522.8	
KEG RIVER C	2 250.0	0.47		1 058.0		1 058.0	913.1	144.9	
KEG RIVER D	649.0	0.45		292.0		292.0	148.1	143.9	
KEG RIVER E SOLVENT FLOOD	7 700.0	0.29	0.16	2 233.0	1 232.0	3 465.0	2 703.7	761.3	
KEG RIVER F WATER FLOOD	855.0	0.24	0.10	205.0	85.5	291.0	255.5	35.5	
KEG RIVER G SOLVENT FLOOD	3 185.0	0.28	0.19	892.0	605.0	1 497.0	1 202.6	294.4	
KEG RIVER J	514.0	0.20		103.0		103.0	95.7	7.3	
KEG RIVER K	200.0	0.50		100.0		100.0	93.2	6.8	
KEG RIVER L	95.2	0.35		33.3		33.3	27.3	6.0	
KEG RIVER M	46.2	0.35		16.2		16.2	12.2	4.0	
KEG RIVER N	3 000.0	0.11		330.0		330.0	307.1	22.9	
KEG RIVER P	340.0	0.40		136.0		136.0	127.8	8.2	
KEG RIVER S	584.0	0.40		233.0		233.0	230.2	2.8	
KEG RIVER V	72.0	<0.22		15.6		15.6	15.6		
KEG RIVER X	185.0	<0.01		1.3		1.3	1.3		
KEG RIVER Y	342.0	0.20		68.4		68.4	38.9	29.5	
KEG RIVER Z	225.0	0.25		56.3		56.3	18.4	37.9	
KEG RIVER AA	65.2	0.10		6.5		6.5	0.9	5.6	
FIELD TOTAL	44 099.1			11 714.2	4 117.5	15 832.2	13 579.8	2 252.4	
RANDELL 077-11W5									
SLAVE POINT A	204.0	0.05		10.2		10.2	4.8	5.4	
GILWOOD A	138.0	0.30		41.4		41.4	20.8	20.6	
GILWOOD B	41.1	<0.04		1.4		1.4	1.4		
GILWOOD C	30.2	<0.08		2.4		2.4	2.4		
GILWOOD D	229.0	0.25		57.3		57.3	21.7	35.6	
GILWOOD E	98.8	0.20		19.8		19.8	7.1	12.7	
GILWOOD F	207.0	0.25		51.8		51.8	10.5	41.3	
GILWOOD G	195.0	0.30		58.5		58.5	9.1	49.4	
FIELD TOTAL	1 143.1			242.8		242.8	77.8	165.0	
REAGAN 001-20W4									
RUNDLE A	460.0	0.18		82.8		82.8	82.5	0.3	
LIVINGSTONE A	102.0	0.10		10.2		10.2	0.7	9.5	
FIELD TOTAL	562.0			93.0		93.0	83.2	9.8	
RED COULEE 001-17W4									
MOULTON A WATER FLOOD	270.0	0.14	0.09	37.8	24.3	62.1	59.5	2.6	
MOULTON B TOTAL	993.0			61.9	96.1	158.0	156.3	1.7	
PRIMARY AREA	119.0	0.08		9.5		9.5			
WATER FLOOD AREA	874.0	0.06	0.11	52.4	96.1	149.0			
MOULTON C TOTAL	565.0			129.0	75.6	205.0	198.6	6.4	
PRIMARY AREA	24.5	0.20		4.9		4.9			
WATER FLOOD AREA	540.0	0.23	0.14	124.0	75.6	200.0			
SUNBURST A	301.0	<0.04		11.4		11.4	11.4		
SUNBURST B	445.0	0.12		53.4		53.4	50.6	2.8	
CUTBANK E	165.0	0.04		6.6		6.6	1.6	5.0	
CUTBANK F	168.0	0.03		5.0		5.0	1.9	3.1	
CUTBANK G	204.0	0.05		10.2		10.2	1.4	8.8	
FIELD TOTAL *	3 111.0			315.3	196.0	511.7	481.3	30.4	
RED EARTH 088-08W5									
SLAVE POINT C	240.0	0.20		48.0		48.0	41.8	6.2	
SLAVE POINT F	119.0	0.13		15.5		15.5	15.4	0.1	
SLAVE POINT G	176.0	0.20		35.2		35.2	23.2	12.0	
SLAVE POINT U	381.0	0.15		57.2		57.2	38.1	19.1	
SLAVE POINT X	229.0	<0.01		0.1		0.1	0.1		
SLAVE POINT Y	124.0	0.05		6.2		6.2	1.5	4.7	
SLAVE POINT Z	49.0	<0.03		1.1		1.1	1.1		
SLAVE POINT AA	74.0	<0.01		0.6		0.6	0.6		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
167	65.17	0.097	0.14	0.63	176	801	81	18 726	-1 456.6	1 939.0	1965	1998-12 GPP
328	50.00	0.077	0.12	0.71	141	826	84	18 748	-1 507.7	1 999.0	1966	1997-08 GPP
304	24.14	0.050	0.16	0.73	171	811	88	18 014	-1 431.4	1 935.1	1966	1994-12 GPP
203	22.00	0.030	0.15	0.57	225	775	92	18 276	-1 449.7	1 931.6	1965	1997-05 GPP
212	68.72	0.091	0.12	0.66	159	806	90	19 336	-1 473.8	1 951.1	1966	1994-08 GPP
40	43.10	0.100	0.13	0.57	249	797	88	22 345	-1 419.4	1 896.7	1967	1997-12 GPP
85	72.48	0.088	0.11	0.66	160	806	88	18 217	-1 456.8	1 928.8	1967	1995-09 GPP
30	19.47	0.138	0.15	0.75	101	801	92	17 899	-1 429.2	1 933.5	1968	1991-12 GPP
80	10.70	0.040	0.22	0.75	101	788	95	18 130	-1 454.4	1 976.5	1968	1995-12 GPP
20	13.56	0.057	0.20	0.77	88	797	98	18 171	-1 469.0	1 971.6	1968	1998-12
16	8.97	0.050	0.13	0.74	107	797	98	18 319	-1 473.8	2 016.1	1968	1998-12 GPP
172	36.55	0.073	0.14	0.76	159	796	69	18 409	-1 487.0	1 993.2	1978	1998-12 GPP
56	25.00	0.040	0.19	0.75	105	801	90	17 661	-1 430.2	1 927.3	1982	1998-10
40	16.48	0.123	0.10	0.80	78	784	94	16 796	-1 451.0	1 956.1	1984	1996-12 GPP
16	16.00	0.044	0.16	0.76	101	810	92	17 129	-1 435.2	1 937.0	1986	1996-07 GPP
64	13.00	0.040	0.16	0.66	159	809	88	17 449	-1 435.8	1 947.5	1989	1998-12
40	19.00	0.070	0.12	0.73	118	800	88	17 845	-1 423.4	1 938.5	1992	1994-12
32	19.50	0.060	0.20	0.75	106	803	83	17 367	-1 434.4	1 944.3	1994	1998-12 GPP
32	12.60	0.030	0.30	0.77	67	816	88	16 260	-1 443.6	1 962.3	1985	1997-05 GPP
64	6.50	0.080	0.32	0.90	29	865	60	20 083	-1 141.3	1 843.0	1983	1989-12 GPP
64	3.10	0.140	0.40	0.83	58	841	58	19 741	-1 248.5	1 943.8	1985	1998-04 GPP
16	3.00	0.170	0.40	0.84	58	831	64	17 476	-1 214.1	1 915.3	1992	1996-07 GPP
65	0.85	0.110	0.38	0.80	58	838	58	19 442	-1 217.3	1 920.2	1967	1975-12 ABAND 1971
64	4.30	0.180	0.45	0.84	59	844	58	19 672	-1 256.5	1 931.7	1995	1996-05 GPP
64	2.00	0.150	0.38	0.83	56	818	62	19 487	-1 267.2	1 900.4	1996	1997-05 GPP
64	3.40	0.180	0.37	0.84	60	845	58	19 728	-1 281.4	1 949.7	1997	1997-09 GPP
57	3.00	0.170	0.20	0.84	60	844	58	19 355	-1 263.9	1 903.7	1997	1997-09 GPP
274	2.78	0.110	0.27	0.75	127	844	29	7 591	113.5	1 094.2	1957	1981-12 GPP
32	6.60	0.100	0.45	0.88	106	846	35		33.9	1 173.2	1997	1998-11
97	2.53	0.180	0.33	0.91	30	825	27	5 650	338.8	800.0	1951	1968-07 GPP
97					21	825	27	6 550	322.5	786.6	1954	1977-03 GPP
16	5.55	0.187	0.26	0.96								
81	8.12	0.187	0.26	0.96								
97					30	825	28	5 700	346.3	745.8	1965	1994-12
8	3.30	0.180	0.40	0.86								
89	5.16	0.180	0.24	0.86								GPP
65	6.71	0.150	0.50	0.92	35	904	28	5 335	331.8	749.4	1930	1996-07 GPP
53	7.62	0.200	0.40	0.92	35	904	28	5 380	337.2	756.1	1929	1994-12 GPP
32	7.00	0.170	0.49	0.85	30	871	29	5 180	313.5	792.4	1993	1996-08 GPP
32	5.80	0.190	0.44	0.85	30	868	29	5 254	323.2	764.0	1993	1994-02
16	14.60	0.190	0.50	0.92	32	877	41	5 129	306.6	861.9	1995	1996-09 GPP
91	4.60	0.085	0.25	0.90	24	829	48	12 376	-737.4	1 336.7	1967	1997-12 GPP
65	3.35	0.076	0.20	0.90	43	829	82	13 332	-784.1	1 323.6	1971	1996-12 GPP
100	2.80	0.100	0.30	0.90	43	829	43	13 373	-788.1	1 328.2	1973	1997-12 GPP
170	5.19	0.080	0.42	0.93	25	826	41	10 395	-702.5	1 255.0	1980	1998-02 GPP
64	7.00	0.110	0.49	0.91	32	832	38	11 779	-678.6	1 209.3	1983	1985-05 ABAND 1989
32	5.00	0.120	0.32	0.95	16	829	37	9 982	-687.1	1 205.5	1985	1991-12 GPP
64	1.50	0.080	0.25	0.85	57	820	38	12 239	-737.7	1 342.8	1984	1992-10 ABAND 1994
64	2.91	0.084	0.45	0.86	21	830	39	11 824	-748.5	1 313.7	1985	1988-12 ABAND 1990

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RED EARTH 088-08W5 (CONTINUED)								
SLAVE POINT BB	229.0	0.05		11.5		11.5	10.7	0.8
SLAVE POINT CC	116.0	<0.01		0.1		0.1	0.1	
SLAVE POINT DD	31.8	<0.01		0.1		0.1	0.1	
SLAVE POINT EE	76.5	0.10		7.6		7.6	1.8	5.8
SLAVE POINT FF	40.7	0.10		4.0		4.0	1.0	3.0
SLAVE PT A,GRANITE WASH A & VV TOTAL	37 670.0			5 613.0	421.0	6 034.0	4 941.5	1 092.5
PRIMARY AREA	29 410.0	<0.18		5 200.0		5 200.0		
WATER FLOOD AREA	8 262.0	0.05	0.05	413.0	421.0	834.0		
SLAVE POINT S & GRANITE WASH J	1 033.0	0.08		82.6		82.6	71.2	11.4
SLAVE POINT V & GRANITE WASH V2V	884.0	0.10		88.4		88.4	58.0	30.4
KEG RIVER B	21.5	<0.01		0.1		0.1	0.1	
KEG RIVER E	40.9	0.25		10.2		10.2	7.4	2.8
KEG RIVER F	16.4	0.25		4.1		4.1	2.8	1.3
KEG RIVER C & GRANITE WASH T2T	829.0	0.35		290.0		290.0	189.0	101.0
KEG RIVER G & GRANITE WASH YYY	100.0	0.15		15.0		15.0	11.9	3.1
GRANITE WASH B	76.9	<0.11		8.2		8.2	8.2	
GRANITE WASH C	2 374.0	0.35		831.0		831.0	806.1	24.9
GRANITE WASH D	254.0	<0.02		4.9		4.9	4.9	
GRANITE WASH E TOTAL	3 156.0			877.0	202.0	1 079.0	1 005.9	73.1
PRIMARY AREA	1 140.0	0.15		171.0		171.0		
WATER FLOOD AREA	2 016.0	0.35	0.10	706.0	202.0	908.0		
GRANITE WASH F	353.0	<0.02		5.8		5.8	5.8	
GRANITE WASH I	136.0	<0.06		8.1		8.1	8.1	
GRANITE WASH K	153.0	0.30		45.9		45.9	41.6	4.3
GRANITE WASH L	427.0	<0.02		8.0		8.0	8.0	
GRANITE WASH M	45.6	0.15		6.8		6.8	5.5	1.3
GRANITE WASH O	109.0	0.04		4.4		4.4	4.4	
GRANITE WASH P	132.0	<0.10		12.1		12.1	12.1	
GRANITE WASH Q	92.5	<0.02		1.5		1.5	1.5	
GRANITE WASH R	231.0	<0.01		0.1		0.1	0.1	
GRANITE WASH S	159.0	<0.01		0.3		0.3	0.3	
GRANITE WASH V	186.0	<0.08		14.4		14.4	14.4	
GRANITE WASH CC	55.7	<0.02		0.8		0.8	0.8	
GRANITE WASH DD	372.0	0.25		93.0		93.0	80.0	13.0
GRANITE WASH EE	146.0	0.25		36.5		36.5	8.3	28.2
GRANITE WASH HH	225.0	<0.11		24.4		24.4	24.4	
GRANITE WASH KK	86.2	<0.01		0.1		0.1	0.1	
GRANITE WASH LL	125.0	<0.10		12.3		12.3	12.3	
GRANITE WASH NN	205.0	<0.03		5.9		5.9	5.9	
GRANITE WASH OO	238.0	0.20		47.6		47.6	45.6	2.0
GRANITE WASH PP	94.1	0.20		18.8		18.8	13.9	4.9
GRANITE WASH QQ	32.7	0.14		4.6		4.6	4.6	
GRANITE WASH RR	526.0	0.20		105.0		105.0	98.5	6.5
GRANITE WASH SS	38.3	<0.02		0.6		0.6	0.6	
GRANITE WASH TT	357.0	<0.01		0.6		0.6	0.6	
GRANITE WASH UU	936.0	0.18		168.0		168.0	105.5	62.5
GRANITE WASH XX	258.0	0.25		64.5		64.5	63.6	0.9
GRANITE WASH YY	188.0	<0.01		0.1		0.1	0.1	
GRANITE WASH ZZ	88.4	0.10		8.8		8.8	5.9	2.9
GRANITE WASH AAA	39.5	0.10		4.0		4.0	3.4	0.6
GRANITE WASH BBB	78.3	<0.01		0.1		0.1	0.1	
GRANITE WASH CCC	163.0	0.20		32.6		32.6	26.7	5.9
GRANITE WASH DDD	120.0	<0.16		18.4		18.4	18.4	
GRANITE WASH EEE	155.0	0.12		18.6		18.6	17.2	1.4
GRANITE WASH FFF	188.0	0.25		47.0		47.0	43.3	3.7
GRANITE WASH GGG	79.4	<0.01		0.1		0.1	0.1	
GRANITE WASH HHH	695.0	<0.03		16.8		16.8	16.8	
GRANITE WASH III	580.0	0.15		87.0		87.0	3.3	83.7
GRANITE WASH KKK	284.0	<0.03		6.9		6.9	6.9	
GRANITE WASH LLL	152.0	<0.02		1.7		1.7	1.7	
GRANITE WASH MMM	740.0	0.29		215.0		215.0	206.7	8.3
GRANITE WASH NNN	116.0	<0.11		11.9		11.9	11.9	
GRANITE WASH OOO	172.0	0.20		34.4		34.4	7.8	26.6
GRANITE WASH PPP	132.0	0.10		13.2		13.2	10.6	2.6
GRANITE WASH QOO	155.0	0.10		15.5		15.5	6.6	8.9
GRANITE WASH RRR	231.0	0.07		16.2		16.2	11.8	4.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	27.90	0.070	0.23	0.95	16	821	37	11 342	-719.2	1 241.7	1988	1988#10 GPP
16	9.30	0.100	0.15	0.92	25	822	39	11 850	-750.3	1 347.7	1968	1991-10 ABAND 1990
32	2.43	0.080	0.45	0.93	19	824	39	12 071	-781.1	1 296.5	1966	1991-10 ABAND 1990
32	5.80	0.070	0.36	0.92	25	822	39	11 268	-780.5	1 305.5	1983	1991-11 GPP
16	4.00	0.090	0.24	0.93	19	824	39	9 314	-791.9	1 322.0	1987	1997-05 GPP
12 010					21	820	48	14 203	-768.9	1 319.0	1957	1998-11 GPP
9 621	4.46	0.110	0.33	0.93								
2 389	5.55	0.100	0.33	0.93								
512	3.59	0.094	0.35	0.92	56	825	53	14 273	-830.9	1 428.7	1967	1997-12 GPP
192	11.30	0.066	0.35	0.95	49	828	37	9 963	-684.5	1 219.4	1981	1986-12 GPP
64	0.40	0.145	0.32	0.85	56	828	40	14 474	-890.7	1 511.5	1988	1991-10 ABAND 1989
32	2.00	0.110	0.34	0.88	46	823	43	15 740	-885.0	1 516.3	1993	1996-03 GPP
32	1.06	0.100	0.45	0.88	46	823	43	12 041	-870.8	1 481.9	1993	1996-03 GPP
316	2.80	0.150	0.29	0.88	46	823	43	15 069	-876.7	1 487.1	1993	1998-11 GPP
64	2.02	0.150	0.40	0.86	46	823	43	16 104	-884.9	1 494.2	1986	1997-05 GPP
65	1.83	0.094	0.20	0.86	56	825	43	15 745	-905.7	1 438.5	1965	1987-12 ABAND 1990
832	3.00	0.140	0.21	0.86	56	825	42	15 907	-896.0	1 462.1	1956	1986-09 GPP
64	5.15	0.150	0.41	0.87	48	825	42	15 970	-900.0	1 460.5	1957	1986-08 ABAND 1988
1 031					56	825	42	15 719	-871.6	1 487.1	1959	1997-07 GPP
536	3.13	0.123	0.35	0.85								
495	5.76	0.130	0.36	0.85								
188	2.39	0.130	0.29	0.85	64	826	42	15 979	-917.0	1 501.1	1964	1996-07 GPP
65	2.74	0.119	0.25	0.86	56	825	43	15 440	-892.6	1 512.0	1958	1974-12 ABAND 1990
32	5.36	0.130	0.20	0.86	56	825	42	16 078	-898.4	1 518.1	1968	1995-12 GPP
129	3.96	0.126	0.23	0.86	56	834	52	15 547	-893.0	1 520.0	1958	1984-03 ABAND 1989
65	0.91	0.112	0.20	0.86	56	829	52	13 657	-889.9	1 469.6	1970	1991-05 GPP
16	5.49	0.180	0.20	0.86	57	829	42	15 437	-892.1	1 435.6	1973	1992-12 ABAND 1997
64	2.00	0.150	0.20	0.86	56	832	42	15 486	-898.6	1 466.0	1979	1996-07 GPP
64	2.00	0.120	0.30	0.86	56	834	72	14 843	-907.7	1 473.5	1979	1983-12
64	3.50	0.150	0.20	0.86	56	825	56	15 348	-901.7	1 415.7	1980	1981-12 ABAND 1981
64	3.20	0.180	0.50	0.86	56	825	48	15 023	-916.3	1 438.9	1980	1981-12 ABAND 1981
32	6.10	0.140	0.20	0.85	64	829	42	15 194	-897.9	1 496.9	1982	1996-12 GPP
64	1.50	0.110	0.38	0.85	64	831	42	15 240	-898.7	1 519.3	1982	1984-03 ABAND 1989
64	6.94	0.130	0.25	0.86	56	823	42	15 120	-910.9	1 464.9	1983	1991-12 GPP
32	3.90	0.170	0.20	0.86	48	845	49	15 821	-892.9	1 443.3	1981	1998-07 GPP
122	2.04	0.140	0.25	0.86	56	834	42	15 061	-911.9	1 490.7	1982	1998-12 GPP
64	1.71	0.157	0.41	0.85	64	852	42	14 455	-902.4	1 418.8	1984	1985-03 ABAND 1986
32	5.50	0.150	0.45	0.86	56	843	48	14 852	-909.0	1 493.9	1985	1998-12 GPP
64	3.70	0.140	0.28	0.86	56	830	42	14 744	-904.4	1 453.9	1984	1996-07 GPP
64	3.94	0.203	0.46	0.86	48	825	42	14 764	-906.2	1 435.0	1985	1991-12 GPP
32	3.59	0.170	0.44	0.86	50	842	40	15 846	-877.4	1 395.8	1984	1994-11 GPP
80	0.58	0.132	0.38	0.86	54	835	36	15 701	-909.6	1 413.9	1984	1998-04 ABAND 1991
96	5.41	0.166	0.29	0.86	56	828	42	14 191	-909.5	1 473.0	1985	1986-06 GPP
64	1.39	0.091	0.45	0.86	47	826	46	15 367	-900.1	1 489.7	1984	1994-11 ABAND 1992
64	4.50	0.180	0.19	0.85	64	826	42	14 985	-899.1	1 510.3	1985	1985-12 ABAND 1989
478	2.16	0.170	0.38	0.86	53	836	36	15 789	-904.8	1 410.4	1985	1998-06 GPP
64	4.50	0.160	0.35	0.86	56	823	41	15 007	-914.8	1 467.6	1985	1986-03 GPP
64	6.00	0.100	0.43	0.86	56	801	44	15 188	-941.6	1 517.9	1985	1986-11
16	4.50	0.210	0.32	0.86	52	833	38	15 781	-921.7	1 435.0	1985	1993-12
32	2.10	0.122	0.44	0.86	56	830	42	14 845	-895.5	1 473.9	1985	1996-04 GPP
64	3.20	0.090	0.50	0.85	64	826	42	14 332	-920.7	1 506.2	1986	1986-11 ABAND 1998
64	3.02	0.140	0.30	0.86	56	823	42	14 361	-908.7	1 466.5	1986	1994-11 GPP
64	3.00	0.119	0.39	0.86	56	825	42	15 795	-898.0	1 495.4	1968	1986-06 ABAND 1988
40	4.53	0.140	0.29	0.86	56	834	42	14 755	-902.1	1 456.1	1985	1994-11 GPP
128	2.76	0.110	0.43	0.85	56	834	42	14 825	-906.8	1 484.6	1984	1988-03 GPP
64	2.20	0.080	0.18	0.86	56	834	42	14 312	-915.2	1 502.9	1982	1986-08
128	5.64	0.140	0.20	0.86	56	834	42	13 905	-863.7	1 441.2	1983	1992-09 ABAND 1992
96	5.64	0.160	0.23	0.87	48	825	42	14 584	-901.1	1 472.1	1983	1986-08 GPP
64	4.30	0.150	0.20	0.86	56	834	42	14 700	-903.1	1 487.7	1980	1986-08 ABAND 1990
64	2.30	0.150	0.20	0.86	56	834	42	15 203	-910.0	1 491.5	1983	1986-08 ABAND 1988
150	5.40	0.150	0.30	0.87	48	825	42	16 013	-906.8	1 452.6	1957	1996-08 GPP
32	4.50	0.117	0.20	0.86	56	825	42	15 213	-903.8	1 515.8	1969	1995-12 ABAND 1990
66	3.00	0.180	0.44	0.86	70	835	40	15 471	-907.9	1 415.1	1986	1998-06 GPP
50	2.83	0.160	0.32	0.86	50	828	45	15 210	-890.4	1 513.0	1987	1993-12 GPP
64	2.75	0.167	0.38	0.85	45	831	34	15 683	-920.1	1 441.9	1987	1995-07 GPP
64	3.60	0.160	0.27	0.86	53	833	36	15 351	-914.7	1 419.6	1985	1998-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RED EARTH 088-08W5 (CONTINUED)								
GRANITE WASH SSS	100.0	0.20		20.0		20.0	18.1	1.9
GRANITE WASH TTT	174.0	<0.03		4.6		4.6	4.6	
GRANITE WASH UUU	111.0	0.35		38.9		38.9	33.4	5.5
GRANITE WASH VVV	106.0	0.30		31.8		31.8	26.7	5.1
GRANITE WASH WWW	69.4	0.11		7.6		7.6	6.7	0.9
GRANITE WASH XXX	45.1	<0.02		0.9		0.9	0.9	
GRANITE WASH ZZZ	454.0	0.17		77.2		77.2	39.1	38.1
GRANITE WASH A2A	80.4	<0.02		0.9		0.9	0.9	
GRANITE WASH B2B	40.9	<0.03		1.1		1.1	1.1	
GRANITE WASH C2C	193.0	<0.03		4.2		4.2	4.2	
GRANITE WASH D2D	63.6	0.25		15.9		15.9	10.6	5.3
GRANITE WASH E2E	41.3	<0.02		0.6		0.6	0.6	
GRANITE WASH F2F	54.5	0.20		10.9		10.9	8.1	2.8
GRANITE WASH G2G	161.0	0.20		32.2		32.2	26.5	5.7
GRANITE WASH H2H	44.8	<0.04		1.4		1.4	1.4	
GRANITE WASH I2I	57.7	<0.17		9.8		9.8	9.8	
GRANITE WASH J2J	46.0	<0.01		0.4		0.4	0.4	
GRANITE WASH L2L	63.7	<0.17		10.5		10.5	10.5	
GRANITE WASH M2M	85.7	0.20		17.1		17.1	15.5	1.6
GRANITE WASH N2N	57.5	<0.03		1.7		1.7	1.7	
GRANITE WASH O2O	128.0	0.25		32.0		32.0	29.2	2.8
GRANITE WASH P2P	57.0	<0.01		0.5		0.5	0.5	
GRANITE WASH Q2Q	102.0	<0.01		0.1		0.1		0.1
GRANITE WASH R2R	125.0	0.25		31.3		31.3	29.9	1.4
GRANITE WASH S2S	20.0	0.20		4.0		4.0	2.6	1.4
GRANITE WASH U2U	42.9	0.15		6.4		6.4	2.7	3.7
GRANITE WASH W2W	219.0	0.25		54.8		54.8	36.5	18.3
GRANITE WASH X2X	153.0	0.40		461.0		461.0	381.8	79.2
GRANITE WASH Y2Y	66.5	0.25		16.6		16.6	13.6	3.0
GRANITE WASH Z2Z	60.4	<0.01		0.4		0.4	0.4	
GRANITE WASH A3A	21.9	<0.01		0.1		0.1	0.1	
GRANITE WASH C3C	573.0	0.25		143.0		143.0	68.3	74.7
GRANITE WASH D3D	43.7	0.25		10.9		10.9	3.0	7.9
GRANITE WASH E3E	289.0	0.25		72.2		72.2	24.1	48.1
GRANITE WASH F3F	296.0	0.25		74.0		74.0	65.8	8.2
GRANITE WASH G3G	30.4	0.30		9.1		9.1	5.1	4.0
GRANITE WASH H3H	30.2	<0.03		0.7		0.7	0.7	
GRANITE WASH I3I	136.0	0.25		34.0		34.0	4.0	30.0
GRANITE WASH J3J	428.0	0.25		107.0		107.0	16.9	90.1
GRANITE WASH K3K	325.0	0.35		114.0		114.0	19.9	94.1
GRANITE WASH L3L	109.0	0.40		43.6		43.6	8.6	35.0
GRANITE WASH M3M	238.0	0.30		71.4		71.4	5.2	66.2
GRANITE WASH N3N	387.0	0.20		77.4		77.4	10.8	66.6
GRANITE WASH O3O	78.3	0.20		15.7		15.7	3.9	11.8
GRANITE WASH P3P	92.1	0.25		23.0		23.0	5.0	18.0
FIELD TOTAL	65 518.4			10 941.0	623.0	11 564.0	9 167.7	2 396.3
RED ROCK 063-08W6								
CHINOOK A	57.3	0.05		2.9		2.9	2.4	0.5
CHINOOK G	3 732.0	0.15		560.0		560.0	401.3	158.7
CHINOOK H	120.0	0.10		12.0		12.0	5.5	6.5
FIELD TOTAL	3 909.3			574.9		574.9	409.2	165.7
RED WILLOW 039-16W4								
LLOYDMINSTER B	92.5	0.10		9.3		9.3	5.9	3.4
GLAUCONITIC A	228.0	<0.02		4.5		4.5	4.5	
GLAUCONITIC B	105.0	<0.01		0.2		0.2	0.2	
GLAUCONITIC D	170.0	0.03		5.1		5.1	3.8	1.3
GLAUCONITIC E	743.0	0.10		74.3		74.3	32.5	41.8
GLAUCONITIC M	43.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE K	561.0	0.05		28.1		28.1	15.1	13.0
LOWER MANNVILLE L	23.6	<0.02		0.3		0.3	0.3	
CAMROSE A	119.0	<0.17		19.2		19.2	19.2	
CAMROSE B	195.0	<0.06		11.1		11.1	11.1	
CAMROSE C	250.0	<0.08		19.4		19.4	19.4	
CAMROSE D	117.0	0.20		23.4		23.4	5.8	17.6
CAMROSE E	96.1	0.10		9.6		9.6	7.7	1.9
CAMROSE F	1 760.0	0.20		352.0		352.0	76.2	275.8
CAMROSE G	107.0	<0.20		20.7		20.7	20.7	

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.50	0.160	0.35	0.86	64	852	42	15 052	-891.8	1 515.5	1987	1995-07 GPP
64	4.48	0.143	0.50	0.85	57	828	38	15 709	-920.5	1 427.8	1986	1988-04 ABAND 1991
64	2.30	0.130	0.32	0.85	64	852	42	15 360	-903.2	1 486.0	1988	1995-12 GPP
64	2.74	0.140	0.49	0.85	64	852	42	15 355	-902.6	1 513.0	1987	1997-12 GPP
20	3.30	0.165	0.25	0.85	64	852	42	15 360	-891.2	1 500.3	1988	1994-11 GPP
16	3.00	0.170	0.35	0.85	64	852	42	17 006	-891.6	1 496.5	1988	1994-02 ABAND 1993
64	7.50	0.180	0.30	0.75	51	777	49	15 442	-917.8	1 509.1	1985	1998-12 GPP
64	1.60	0.165	0.44	0.85	64	852	42	14 627	-907.1	1 471.6	1988	1992-10 ABAND 1993
64	1.00	0.120	0.38	0.86	56	835	56	15 337	-887.7	1 484.9	1988	1994-02 ABAND 1993
64	3.90	0.140	0.35	0.85	64	852	42	15 069	-895.1	1 494.9	1988	1994-02 ABAND 1993
64	1.50	0.140	0.45	0.86	56	835	42	15 305	-886.3	1 511.0	1988	1988-12 GPP
20	2.50	0.160	0.40	0.86	56	835	42	14 862	-892.8	1 476.8	1988	1994-11 GPP
32	2.40	0.150	0.45	0.86	56	835	42	16 004	-891.7	1 507.6	1988	1996-08 GPP
64	2.21	0.176	0.25	0.86	56	835	42	14 695	-889.1	1 471.4	1988	1994-11 GPP
16	3.90	0.130	0.35	0.85	64	852	42	14 502	-887.9	1 482.0	1988	1992-09 ABAND 1992
32	2.50	0.160	0.47	0.85	64	852	43	14 205	-889.7	1 502.5	1988	1997-12 ABAND 1997
20	2.60	0.160	0.35	0.85	64	852	42	15 562	-888.4	1 503.5	1988	1994-11 GPP
20	3.98	0.150	0.38	0.86	56	835	42	14 772	-901.5	1 473.1	1988	1998-06 ABAND 1998
32	2.95	0.160	0.34	0.86	56	835	42	14 761	-890.7	1 497.9	1988	1994-11 GPP
64	1.20	0.150	0.42	0.86	56	835	42	13 996	-897.4	1 488.0	1988	1994-02 ABAND 1993
32	4.67	0.170	0.42	0.87	48	825	42	14 148	-910.2	1 432.3	1988	1994-11 GPP
32	2.10	0.150	0.35	0.87	48	825	42	14 236	-892.0	1 510.3	1989	1991-10 ABAND 1991
64	3.10	0.120	0.50	0.86	56	835	42	13 702	-923.0	1 504.3	1989	1989-10 ABAND 1992
32	4.30	0.160	0.35	0.87	39	822	41	15 574	-921.0	1 440.2	1990	1994-11 GPP
32	1.60	0.130	0.60	0.75	53	842	51	15 214	-918.0	1 508.7	1991	1991-12 GPP
16	3.00	0.160	0.35	0.86	48	825	42	14 142	-920.7	1 443.5	1982	1997-05 GPP
64	4.10	0.160	0.40	0.87	39	840	41	15 712	-919.2	1 435.7	1993	1993-10 GPP
242	4.25	0.180	0.30	0.89	42	819	42	15 605	-914.0	1 419.4	1993	1998-12 GPP
16	5.50	0.140	0.38	0.87	39	837	41	15 655	-920.6	1 433.4	1994	1998-12 GPP
16	2.50	0.220	0.22	0.88	45	830	44	15 295	-894.0	1 395.2	1994	1998-12 GPP
16	1.50	0.160	0.33	0.85	56	834	42	14 754	-904.4	1 513.3	1994	1996-07 GPP
128	4.90	0.180	0.41	0.86	57	828	37	15 397	-907.8	1 417.4	1994	1995-07 GPP
32	1.60	0.160	0.38	0.86	57	828	37	15 742	-905.3	1 409.5	1995	1996-02 GPP
64	6.00	0.160	0.46	0.87	48	825	42	15 398	-908.0	1 412.3	1995	1995-08 GPP
32	6.00	0.250	0.29	0.87	48	825	42	14 833	-881.4	1 379.9	1995	1996-02 GPP
64	1.00	0.090	0.40	0.88	46	823	43	15 837	-897.7	1 547.5	1994	1995-07 GPP
16	2.95	0.160	0.54	0.87	48	825	42	14 918	-934.1	1 474.3	1996	1998-12 GPP
64	3.40	0.160	0.55	0.87	48	825	42	14 996	-936.1	1 478.0	1996	1997-05 GPP
128	2.89	0.200	0.35	0.89	48	825	42	13 305	-904.1	1 407.8	1997	1997-08 GPP
64	5.10	0.190	0.39	0.86	56	835	42	14 962	-912.0	1 414.5	1997	1998-03 GPP
54	2.10	0.160	0.30	0.86	56	835	42	14 811	-932.2	1 478.2	1997	1998-06 GPP
64	3.40	0.200	0.37	0.87	48	825	42			1 407.9	1997	1998-04
64	5.40	0.210	0.38	0.86	54	835	36			1 418.1	1997	1998-04
32	2.50	0.180	0.36	0.85	64	852	42			1 418.8	1997	1998-12 GPP
32	3.00	0.180	0.38	0.86	56	834	42			1 406.0	1997	1998-12 GPP
64	1.80	0.090	0.35	0.85	72	830	47	10 295	-472.1	1 473.0	1979	1997-12 GPP
2 106	3.52	0.116	0.38	0.70	133	827	46	10 376	-481.2	1 505.8	1986	1994-06 GPP
64	3.85	0.110	0.37	0.70	133	809	44	10 452	-502.5	1 667.2	1987	1988-08 GPP
16	4.00	0.220	0.27	0.90	33	869	39	9 585	-358.4	1 171.9	1994	1994-10 GPP
64	3.00	0.220	0.35	0.83	71	868	39	8 773	-368.0	1 132.0	1981	1982-04 ABAND 1986
64	2.00	0.180	0.45	0.83	60	850	47	8 745	-370.7	1 114.7	1981	1982-10 ABAND 1990
32	4.30	0.220	0.34	0.85	64	852	48	8 229	-345.1	1 140.0	1988	1997-05 GPP
96	4.94	0.230	0.26	0.92	35	875	34	8 295	-349.3	1 146.0	1988	1998-01 GPP
16	2.50	0.200	0.36	0.85	64	864	48	8 299	-350.5	1 158.1	1993	1996-07 ABAND 1996
128	3.75	0.200	0.27	0.80	90	850	38	8 527	-351.9	1 146.6	1988	1989-05 GPP
16	1.40	0.200	0.38	0.85	64	852	48	8 290	-363.3	1 152.9	1989	1996-07 GPP
29	9.56	0.053	0.10	0.90	56	890	48	9 811	-544.5	1 333.7	1982	1991-12 ABAND 1991
64	7.86	0.055	0.12	0.80	59	879	52	9 520	-549.7	1 332.3	1983	1991-10 ABAND 1990
64	8.30	0.084	0.30	0.80	50	900	38	9 168	-491.2	1 230.6	1984	1996-07 ABAND 1993
64	3.30	0.090	0.23	0.80	55	900	38	9 137	-487.1	1 225.6	1985	1997-11
32	8.30	0.060	0.33	0.90	36	903	43	9 446	-498.9	1 246.0	1985	1986-10 GPP
320	5.39	0.140	0.19	0.90	36	878	53	9 188	-479.5	1 212.1	1990	1997-03
26	10.40	0.058	0.24	0.90	52	887	49	9 775	-546.1	1 344.3	1982	1990-12 ABAND 1991

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RED WILLOW 039-16W4 (CONTINUED)								
CAMROSE H	185.0	0.05		9.3		9.3	3.7	5.6
D-3 A	326.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	5 121.7			586.9		586.9	226.5	360.4
REDFISH 092-08W5								
KEG RIVER A	27.2	<0.02		0.4		0.4	0.4	
FIELD TOTAL	27.2			0.4		0.4	0.4	
REDLAND 027-23W4								
LOWER MANNVILLE B	405.0	0.20		81.0		81.0	40.5	40.5
FIELD TOTAL	405.0			81.0		81.0	40.5	40.5
REDWATER 057-21W4								
UPPER VIKING G	225.0	<0.01		0.1		0.1	0.1	
UP-MID-LOW VIKING A	3 707.0	0.09		334.0		334.0	287.7	46.3
MIDDLE VIKING B & LOWER VIKING H	360.0	0.12		43.2		43.2	42.1	1.1
LOWER VIKING B	5 443.0	0.05		272.0		272.0	248.6	23.4
LOWER VIKING O	130.0	0.10		13.0		13.0	4.5	8.5
LOWER VIKING S	3 525.0	0.05		176.0		176.0	81.9	94.1
LOWER VIKING T	114.0	0.10		11.4		11.4	3.7	7.7
LOWER VIKING U	443.0	0.05		22.2		22.2	13.8	8.4
LOWER VIKING V	188.0	0.15		28.2		28.2	19.5	8.7
LOWER VIKING W	52.5	0.10		5.3		5.3	0.9	4.4
LOWER VIKING X	239.0	0.10		23.9		23.9	8.4	15.5
LOWER VIKING Y	46.6	0.10		4.7		4.7	1.9	2.8
LOWER VIKING Z	118.0	0.10		11.8		11.8	2.9	8.9
UPPER MANNVILLE E	270.0	<0.01		0.3		0.3	0.3	
BASAL MANNVILLE E	253.0	0.20		50.6		50.6	47.8	2.8
BASAL MANNVILLE F	420.0	0.30		126.0		126.0	72.4	53.6
BASAL MANNVILLE H	2 432.0	0.30		730.0		730.0	574.0	156.0
BASAL MANNVILLE I	271.0	0.30		81.3		81.3	18.3	63.0
BASAL MANNVILLE J	298.0	0.25		74.5		74.5	61.7	12.8
BASAL MANNVILLE R	188.0	<0.01		0.2		0.2	0.2	
BASAL MANNVILLE T	245.0	<0.01		0.2		0.2	0.2	
ELLERSLIE A	103.0	<0.01		0.1		0.1	0.1	
ELLERSLIE B	49.9	<0.02		0.8		0.8	0.8	
ELLERSLIE C	1 054.0	0.10		105.0		105.0	53.9	51.1
ELLERSLIE G	355.0	<0.06		20.6		20.6	20.6	
ELLERSLIE L	37.1	0.10		3.7		3.7	1.4	2.3
ELLERSLIE M	147.0	<0.01		0.2		0.2	0.2	
ELLERSLIE N	176.0	0.06		10.6		10.6	7.7	2.9
ELLERSLIE O	981.0	0.10		98.1		98.1	46.1	52.0
ELLERSLIE P	373.0	0.10		37.3		37.3	23.2	14.1
ELLERSLIE Q	488.0	<0.01		2.2		2.2	2.2	
ELLERSLIE R	80.2	0.10		8.0		8.0	4.9	3.1
ELLERSLIE S	116.0	0.10		11.6		11.6	3.9	7.7
ELLERSLIE T	24.8	0.20		5.0		5.0	1.9	3.1
ELLERSLIE U	13.0	0.15		2.0		2.0	1.7	0.3
ELLERSLIE V	43.2	0.20		8.6		8.6	8.3	0.3
ELLERSLIE W	120.0	0.15		18.0		18.0	0.3	17.7
ELLERSLIE X	302.0	0.10		30.2		30.2	22.6	7.6
ELLERSLIE Y	55.6	0.10		5.6		5.6	1.9	3.7
ELLERSLIE AA	184.0	0.05		9.2		9.2	6.4	2.8
ELLERSLIE BB	68.4	0.10		6.8		6.8	0.1	6.7
ELLERSLIE HH	109.0	0.10		10.9		10.9	1.5	9.4
D-3	207 000.0	<0.66		134 600.0		134 600.0	130 177.8	4 422.2
FIELD TOTAL *	230 848.3			137 003.4		137 003.4	131 878.4	5 125.0
RETLAW 011-18W4								
MANNVILLE Z3Z	239.0	0.05		12.0		12.0	2.9	9.1
MANNVILLE A4A	15.7	0.20		3.1		3.1	0.4	2.7
MANNVILLE N4N	51.7	0.15		7.8		7.8	0.8	7.0
MANNVILLE R4R	56.9	0.10		5.7		5.7	0.5	5.2
FIELD TOTAL *	363.3			28.6		28.6	4.6	24.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	6.50	0.130	0.24	0.90	36	878	53	9 012	-482.8	1 227.4	1993	1998-11 GPP
64	12.50	0.060	0.15	0.80	35	947	48	9 728	-576.8	1 340.8	1981	1984-12 ABAND 1984
16	5.40	0.055	0.35	0.88	47	829	40	14 426	-796.4	1 274.7	1987	1996-07 ABAND 1997
192	2.74	0.160	0.42	0.83	58	890	50	11 141	-685.6	1 584.4	1982	1998-04 GPP
64	3.00	0.200	0.35	0.90	36	882	45	5 207	7.4	631.6	1976	1983-12 ABAND 1985
1 635	2.26	0.190	0.40	0.88	28	800	27	5 186	-28.2	652.5	1949	1994-12 GPP
268	1.14	0.220	0.42	0.92	37	847	31	4 705	-19.8	648.0	1976	1993-12 GPP
2 344	2.46	0.180	0.43	0.92	35	865	28	5 825	-35.6	679.2	1974	1994-12 GPP
64	2.40	0.180	0.49	0.92	30	872	28	5 695	-55.8	715.7	1984	1997-12 GPP
1 290	3.00	0.180	0.45	0.92	30	844	28	5 907	-40.7	663.7	1950	1996-06 GPP
64	2.00	0.170	0.43	0.92	30	844	28	6 061	-61.6	723.7	1993	1994-03 GPP
128	5.00	0.160	0.53	0.92	30	845	28	5 895	-41.5	666.5	1950	1997-12 GPP
178	0.83	0.230	0.40	0.92	30	845	28	5 072	-20.7	671.8	1994	1998-01 GPP
16	2.70	0.220	0.40	0.92	30	845	28	5 477	-37.4	664.4	1951	1995-04
32	4.66	0.300	0.42	0.92	30	845	28	4 853	-38.8	660.8	1950	1993-05
16	2.40	0.220	0.40	0.92	30	845	28	4 771	-28.7	627.3	1950	1995-06 GPP
32	4.80	0.160	0.48	0.92	30	845	28		-28.6	655.0	1950	1997-11
64	3.00	0.260	0.40	0.90	44	885	30	6 092	-130.2	754.5	1981	1981-09 GPP
108	1.83	0.200	0.20	0.80	55	843	41	6 746	-307.9	1 021.7	1954	1997-12 GPP
316	1.06	0.240	0.42	0.90	35	860	38	6 615	-287.0	1 014.3	1976	1996-04 GPP
424	3.52	0.240	0.27	0.93	46	925	30	6 082	-242.8	864.9	1977	1994-12 GPP
76	4.10	0.210	0.54	0.90	50	925	43	6 988	-228.2	854.3	1979	1995-12 GPP
172	1.36	0.240	0.41	0.90	43	855	30	6 724	-275.8	940.4	1979	1993-04 GPP
16	8.50	0.270	0.45	0.93	30	931	35	6 181	-233.4	866.4	1980	1984-12 ABAND 1982
32	4.20	0.270	0.25	0.90	33	923	48	6 956	-224.4	848.9	1981	1982-11 ABAND 1995
16	3.00	0.300	0.23	0.93	26	948	34	5 795	-196.8	832.1	1982	1983-07 ABAND 1983
64	0.80	0.200	0.47	0.92	32	880	32	6 745	-293.1	945.9	1984	1985-03 ABAND 1988
312	3.22	0.220	0.47	0.90	35	855	35	7 246	-331.7	1 011.3	1989	1994-11 GPP
65	4.27	0.200	0.20	0.80	55	850	41	6 672	-306.6	1 021.4	1953	1975-12 ABAND 1970
32	0.80	0.260	0.38	0.90	38	859	38	6 632	-280.6	981.6	1992	1993-04 GPP
16	5.00	0.280	0.27	0.90	40	947	33	5 670	-204.0	833.8	1992	1996-07 GPP
94	1.37	0.215	0.25	0.85	55	850	41	6 721	-313.5	1 026.1	1955	1998-12 GPP
307	2.15	0.230	0.32	0.95	40	878	33	4 537	-277.7	929.8	1993	1996-04 GPP
64	4.20	0.230	0.33	0.90	42	928	30	7 464	-220.9	848.1	1993	1995-09 GPP
138	2.42	0.250	0.35	0.90	28	925	35	6 000	-241.6	868.6	1950	1998-12 GPP
16	3.40	0.260	0.37	0.90	28	925	35	6 000	-222.4	846.9	1950	1995-05 GPP
32	2.54	0.260	0.39	0.90	28	925	35	7 016	-226.6	850.9	1950	1995-05 GPP
16	1.30	0.230	0.31	0.75	35	897	31	6 011	-229.9	853.6	1994	1995-08 GPP
16	1.00	0.200	0.46	0.75	35	876	31	6 220	-261.4	906.5	1994	1997-12 GPP
16	2.30	0.240	0.45	0.89	38	857	34	6 757	-318.1	989.7	1994	1996-12 GPP
32	3.00	0.220	0.38	0.92	34	910	30	5 787	-194.7	827.5	1950	1995-09 GPP
32	5.00	0.280	0.25	0.90	42	925	30	7 414	-215.1	841.6	1994	1996-03 GPP
16	4.60	0.190	0.47	0.75	115	897	31	6 228	-231.5	853.4	1993	1995-09 GPP
16	6.30	0.270	0.29	0.95	22	945	33	5 807	-196.9	829.0	1994	1996-02 GPP
32	2.00	0.230	0.50	0.93	28	859	32	4 126	-316.2	982.3	1994	1996-02 GPP
32	1.80	0.320	0.36	0.92	36	859	30	6 309	-241.3	890.9	1996	1996-11 GPP
15 199	31.39	0.065	0.25	0.89	33	844	34	7 413	-362.0	983.3	1948	1998-12 GPP
64	3.60	0.200	0.39	0.85	73	896	33	11 524	-254.0	1 091.7	1995	1996-12 GPP
16	1.20	0.190	0.47	0.81	83	890	35	11 609	-226.0	1 101.0	1991	1996-11
64	1.00	0.190	0.50	0.85	71	867	33		-248.6	1 109.5	1997	1998-06
32	1.60	0.180	0.29	0.87	66	877	29			1 094.6	1997	1998-12

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RICH 034-21W4								
VIKING B	153.0	<0.01		0.1		0.1	0.1	
VIKING C	333.0	<0.01		3.2		3.2	3.2	
D-2 A	200.0	<0.15		28.5		28.5	28.5	
D-3 A	1 333.0	0.45		600.0		600.0	596.8	3.2
WINNIPEGOSIS A	97.2	0.20		19.4		19.4	10.3	9.1
FIELD TOTAL	2 116.2			651.2		651.2	638.9	12.3
RICHDALE 030-13W4								
UPPER MANNVILLE F	216.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE G	1 394.0	0.05		69.7		69.7	51.6	18.1
UPPER MANNVILLE K	131.0	0.07		9.2		9.2	5.7	3.5
UPPER MANNVILLE L	867.0	0.07		60.7		60.7	39.3	21.4
UPPER MANNVILLE S	257.0	0.04		10.3		10.3	5.3	5.0
UPPER MANNVILLE QO	847.0	0.10		84.7		84.7	10.9	73.8
LOWER MANNVILLE F	116.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE O	122.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE X	153.0	<0.02		1.7		1.7	1.7	
LOWER MANNVILLE Y	75.9	<0.02		1.5		1.5	1.5	
FIELD TOTAL *	4 178.9			238.4		238.4	116.6	121.8
RICINUS 034-08W5								
CARDIUM A TOTAL	11 740.0			2 403.0	278.0	2 681.0	2 365.5	315.5
PRIMARY AREA	4 602.0	0.35		1 611.0		1 611.0		
GAS FLOOD AREA	7 137.0	<0.12	0.03	792.0	278.0	1 070.0		
CARDIUM B	850.0	0.21		179.0		179.0	175.7	3.3
CARDIUM C	1 270.0	0.04		50.8		50.8	45.7	5.1
CARDIUM D	535.0	0.25		133.0		133.0	128.4	4.6
CARDIUM G	630.0	0.15		94.5		94.5	92.7	1.8
CARDIUM H	1 080.0	0.09		97.2		97.2	90.2	7.0
CARDIUM K	340.0	0.15		51.0		51.0	49.3	1.7
CARDIUM L	2 401.0	0.20		480.0		480.0	352.4	127.6
CARDIUM M	207.0	0.07		14.5		14.5	11.6	2.9
CARDIUM Q GAS FLOOD	4 850.0	0.13	0.02	631.0	97.0	728.0	638.0	90.0
CARDIUM S	627.0	0.15		94.1		94.1	66.5	27.6
CARDIUM V	2 153.0	0.10		215.0		215.0	176.6	38.4
CARDIUM W	2 997.0	0.15		450.0		450.0	334.0	116.0
CARDIUM Y	237.0	0.10		23.7		23.7	20.5	3.2
CARDIUM Z	225.0	<0.05		9.6		9.6	9.6	
CARDIUM AA	512.0	0.03		15.4		15.4	10.3	5.1
CARDIUM BB	327.0	<0.01		1.9		1.9	1.9	
CARDIUM CC	184.0	0.03		5.5		5.5	3.0	2.5
CARDIUM FF	85.2	<0.04		2.7		2.7	2.7	
CARDIUM GG	241.0	0.06		14.5		14.5	12.8	1.7
CARDIUM II	368.0	0.01		3.7		3.7	0.8	2.9
CARDIUM KK	250.0	0.12		30.0		30.0	30.0	
CARDIUM MM	188.0	0.06		11.3		11.3	9.8	1.5
CARDIUM NN	1 516.0	<0.02		19.5		19.5	19.5	
CARDIUM OO	360.0	0.07		25.2		25.2	24.5	0.7
CARDIUM TT	2 400.0	0.10		240.0		240.0	179.8	60.2
CARDIUM UU	135.0	<0.08		10.1		10.1	10.1	
CARDIUM VV	159.0	0.10		15.9		15.9	8.2	7.7
CARDIUM WW	147.0	0.05		7.4		7.4	1.5	5.9
CARDIUM XX	600.0	0.05		30.0		30.0	25.3	4.7
CARDIUM ZZ	1 100.0	0.05		55.0		55.0	30.4	24.6
CARDIUM LL & RR	158.0	0.09		14.2		14.2	11.3	2.9
CARDIUM BBB & HHH	596.0	0.10		59.6		59.6	49.4	10.2
CARDIUM E & KKK	1 082.0	0.05		54.1		54.1	48.2	5.9
CARDIUM DDD	291.0	0.10		29.1		29.1	20.6	8.5
CARDIUM GGG	1 700.0	<0.04		64.4		64.4	64.1	0.3
CARDIUM III	115.0	<0.01		0.7		0.7	0.7	
CARDIUM JJJ	185.0	0.11		20.4		20.4	16.0	4.4
CARDIUM MMM	1 100.0	0.15		165.0		165.0	153.7	11.3
CARDIUM OOO	9.9	0.05		0.5		0.5	0.5	
CARDIUM PPP	200.0	0.08		16.0		16.0	14.6	1.4
CARDIUM RRR	400.0	0.06		24.0		24.0	21.0	3.0
CARDIUM SSS	180.0	0.10		18.0		18.0	11.9	6.1
CARDIUM TTT	208.0	<0.01		1.0		1.0	1.0	
CARDIUM UUU	271.0	0.10		27.1		27.1	21.2	5.9
CARDIUM WWW	63.0	0.10		6.3		6.3	1.5	4.8
VIKING GG	42.3	0.20		8.5		8.5	3.9	4.6

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	4.30	0.107	0.35	0.80	86	873	39	8 646	-448.4	1 292.0	1986	1986-12 ABAND 1986
128	3.60	0.140	0.40	0.86	46	860	40	7 287	-346.1	1 194.1	1986	1996-07 ABAND 1996
50	7.00	0.080	0.12	0.81	74	865	55	12 963	-857.0	1 683.3	1983	1996-07 ABAND 1997
15	103.20	0.110	0.10	0.87	64	857	65	14 418	-991.7	1 817.1	1982	1988-12 GPP
32	7.50	0.060	0.25	0.90	31	916	60	19 276	-1 423.8	2 242.3	1986	1987-04 GPP
64	4.30	0.160	0.46	0.91	37	882	37	9 239	-296.9	1 120.5	1981	1985-12 ABAND 1989
320	5.29	0.190	0.49	0.85	63	852	39	9 109	-313.4	1 112.4	1979	1997-12 GPP
100	1.01	0.220	0.29	0.83	80	855	38	9 293	-298.9	1 117.2	1971	1992-12 GPP
100	7.65	0.230	0.42	0.85	60	847	34	9 464	-311.5	1 109.9	1983	1991-12 GPP
64	6.24	0.180	0.58	0.85	63	824	37	9 471	-304.8	1 115.9	1985	1996-08 GPP
118	4.77	0.230	0.23	0.85	64	845	41			1 061.4	1997	1998-07
64	1.83	0.170	0.35	0.89	44	865	35	9 548	-315.4	1 150.6	1977	1982-12 ABAND 1981
64	2.00	0.230	0.50	0.83	68	859	38	9 504	-303.3	1 145.2	1981	1988-12 ABAND 1983
16	6.50	0.240	0.31	0.89	45	909	36	9 610	-296.1	1 076.3	1993	1996-07 ABAND 1994
16	3.50	0.240	0.32	0.83	74	857	36	9 474	-311.6	1 138.3	1993	1996-03 ABAND 1995
1 489					226	806	83	27 635	-1 477.9	2 748.8	1969	1992-12 GPP
465	12.75	0.140	0.12	0.63								
1 024	8.98	0.140	0.12	0.63								
94	11.38	0.170	0.27	0.64	250	815	82	27 783	-1 508.0	2 717.8	1969	1996-11 GPP
695	1.83	0.150	0.10	0.74	131	820	72	16 994	-1 111.1	2 450.8	1969	1996-08 GPP
160	5.36	0.120	0.20	0.65	158	815	84	23 766	-1 453.3	2 738.8	1969	1989-09 GPP
97	10.10	0.110	0.14	0.68	144	811	71	19 838	-988.0	2 309.9	1970	1992-12 GPP
101	18.74	0.098	0.18	0.71	159	806	60	19 378	-708.2	2 015.1	1970	1996-08 GPP
65	7.80	0.127	0.12	0.60	213	811	78	18 645	-1 445.0	2 679.2	1969	1995-12 GPP
160	17.07	0.140	0.14	0.73	119	815	71	15 339	-769.6	2 029.8	1972	1995-12 GPP
210	2.44	0.075	0.23	0.70	160	811	63	18 854	-769.7	2 061.7	1971	1995-12 GPP
706	8.81	0.120	0.11	0.73	113	815	75	15 901	-1 148.2	2 426.2	1971	1995-02 GPP
92	7.57	0.133	0.11	0.76	230	806	70	15 892	-1 147.3	2 405.2	1974	1994-04 GPP
192	15.10	0.110	0.10	0.75	131	811	49	13 726	-849.3	2 122.6	1975	1992-03 GPP
192	16.30	0.140	0.10	0.76	131	820	49	14 208	-875.7	2 140.1	1974	1992-02 GPP
128	4.45	0.100	0.34	0.63	186	829	66	26 105	-1 472.5	2 758.7	1977	1987-08 GPP
64	4.88	0.120	0.20	0.75	113	825	60	14 081	-1 217.0	2 543.2	1977	1996-07 GPP
64	16.34	0.090	0.20	0.68	167	827	63	21 351	-1 270.9	2 594.0	1977	1996-08 GPP
64	8.94	0.100	0.16	0.68	151	828	60	17 973	-1 111.0	2 434.1	1977	1988-12 GPP
64	5.80	0.094	0.12	0.60	172	825	59	14 064	-1 469.9	2 673.6	1978	1982-12 GPP
16	12.60	0.067	0.17	0.76	113	811	64	16 112	-1 185.6	2 454.5	1981	1996-07 GPP
64	9.40	0.062	0.15	0.76	130	810	66	15 735	-1 247.5	2 495.6	1981	1993-12 GPP
64	9.00	0.090	0.09	0.78	91	806	68	15 434	-1 310.5	2 572.1	1981	1993-06 GPP
97	4.32	0.135	0.31	0.64	250	816	82	27 117	-1 532.9	2 746.0	1969	1983-10 GPP
32	12.00	0.090	0.15	0.64	131	785	72	27 542	-1 534.6	2 762.5	1983	1997-12 GPP
64	29.40	0.115	0.09	0.77	91	806	68	14 062	-1 002.1	2 227.2	1984	1998-12 GPP
128	10.20	0.040	0.09	0.76	91	806	68	14 074	-1 003.7	2 229.5	1984	1998-12 GPP
384	13.66	0.070	0.14	0.76	108	813	64	14 615	-998.8	2 253.8	1985	1993-08 GPP
32	5.60	0.110	0.09	0.75	119	815	71	16 424	-1 240.3	2 512.2	1969	1996-07 GPP
64	4.92	0.097	0.20	0.65	177	819	86	26 297	-1 470.6	2 693.7	1986	1987-01 GPP
64	3.16	0.110	0.15	0.78	91	805	68	26 465	-1 211.5	2 370.0	1986	1993-07 GPP
129	7.02	0.120	0.20	0.69	158	815	84	23 668	-1 455.6	2 764.1	1969	1989-09 GPP
128	12.70	0.110	0.18	0.75	110	806	74	13 612	-1 275.6	2 542.3	1987	1993-08 GPP
64	4.81	0.085	0.15	0.71	160	805	60	18 995	-782.9	2 083.5	1982	1986-01 GPP
64	18.60	0.110	0.33	0.68	188	819	72	18 865	-1 426.7	2 764.6	1987	1995-06 GPP
192	8.22	0.100	0.11	0.77	323	801	78	25 423	-1 310.0	2 602.1	1970	1998-02 GPP
64	9.10	0.075	0.10	0.74	106	806	63	16 425	-1 240.5	2 503.5	1987	1988-07 GPP
448	9.91	0.060	0.16	0.76	91	806	68	13 940	-867.1	2 098.7	1987	1988-12 GPP
64	5.60	0.080	0.15	0.47	363	807	75	25 817	-1 301.9	2 582.1	1982	1992-10
32	15.80	0.060	0.10	0.68	132	804	72	13 787	-927.4	2 251.5	1988	1996-08 GPP
157	19.25	0.070	0.20	0.65	177	819	86	24 004	-1 464.9	2 770.2	1968	1989-09 GPP
16	2.00	0.070	0.15	0.52	323	796	78	26 853	-1 401.4	2 663.9	1989	1996-07
20	19.02	0.080	0.10	0.73	137	815	68	12 274	-965.8	2 305.6	1989	1993-07 GPP
64	15.10	0.060	0.09	0.76	108	813	64	11 904	-964.8	2 214.1	1988	1993-12 GPP
64	8.84	0.046	0.09	0.76	115	802	58	13 904	-970.4	2 217.3	1981	1992-03 GPP
32	7.62	0.130	0.10	0.73	119	815	71	15 538	-1 219.5	2 566.4	1972	1992-09 GPP
32	11.70	0.110	0.10	0.73	119	815	71	13 885	-1 001.0	2 325.1	1988	1992-09 GPP
64	2.70	0.060	0.20	0.76	240	822	64	24 101	-1 242.1	2 428.3	1985	1993-01
64	2.50	0.090	0.51	0.60	205	815	86		-1 741.2	3 005.4	1997	1998-10

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RICINUS 034-08W5 (CONTINUED)								
BLAIRMORE A	210.0	0.01		2.1		2.1	2.0	0.1
FIELD TOTAL	45 525.4			5 925.5	375.0	6 300.5	5 368.9	931.6
RINGS 080-05W6								
D-1 A	139.0	<0.10		13.6		13.6	13.6	
FIELD TOTAL	139.0			13.6		13.6	13.6	
RIVIERE 055-27W4								
ELLERSLIE D	62.8	<0.01		0.1		0.1	0.1	
WABAMUN A	424.0	0.03		12.7		12.7	9.8	2.9
FIELD TOTAL *	486.8			12.8		12.8	9.9	2.9
ROCKYFORD 026-23W4								
UPPER MANNVILLE C	44.9	<0.06		2.3		2.3	2.3	
UPPER MANNVILLE E	330.0	0.10	0.05	33.0	16.5	49.5	46.3	3.2
WATER FLOOD								
UPPER MANNVILLE F	2 600.0	0.25	0.20	650.0	520.0	1 170.0	873.5	296.5
WATER FLOOD								
UPPER MANNVILLE G	73.6	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE A	811.0	<0.08		58.4		58.4	57.2	1.2
LOWER MANNVILLE F	20.3	<0.10		1.9		1.9	1.9	
LOWER MANNVILLE G	80.4	<0.05		3.4		3.4	3.4	
FIELD TOTAL	3 960.2			749.9	536.5	1 286.4	985.5	300.9
ROLLA 079-06W6								
DEBOLT A	135.0	0.10		13.5		13.5	1.8	11.7
FIELD TOTAL	135.0			13.5		13.5	1.8	11.7
RONALANE 013-12W4								
SAWTOOTH MM	112.0	0.15		16.8		16.8	4.4	12.4
SAWTOOTH NN	89.0	0.15		13.4		13.4	2.1	11.3
SAWTOOTH OO	29.7	0.15		4.5		4.5	1.1	3.4
SAWTOOTH PP	87.5	<0.01		0.6		0.6	0.6	
FIELD TOTAL *	318.2			35.3		35.3	8.2	27.1
ROSEBUD 027-21W4								
BLAIRMORE	420.0	<0.16		64.2		64.2	63.7	0.5
FIELD TOTAL	420.0			64.2		64.2	63.7	0.5
ROSEVEAR 054-16W5								
CARDIUM B	110.0	0.10		11.0		11.0	0.5	10.5
SECOND WHITE	914.0	0.05		45.7		45.7	39.9	5.8
SPECKS A								
GETHING B	77.9	0.10		7.8		7.8	0.5	7.3
BELLOY B	44.0	0.10		4.4		4.4	0.7	3.7
FIELD TOTAL	1 145.9			68.9		68.9	41.6	27.3
ROWLEY 032-20W4								
BELLY RIVER H & LOWER MANNVILLE H	330.0	0.17		56.1		56.1	54.2	1.9
VIKING C	220.0	0.15		33.0		33.0	24.1	8.9
UPPER MANNVILLE D	514.0	0.10		51.4		51.4	40.1	11.3
UPPER MANNVILLE E	1 288.0	0.10		129.0		129.0	109.7	19.3
UPPER MANNVILLE L	108.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE M	334.0	0.06		20.0		20.0	16.6	3.4
UPPER MANNVILLE N	88.4	0.15		13.2		13.2	11.8	1.4
UPPER MANNVILLE O	180.0	0.07		12.6		12.6	6.3	6.3
LOWER MANNVILLE A	233.0	<0.02		3.9		3.9	3.9	
LOWER MANNVILLE G	44.8	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	160.0	<0.03		3.4		3.4	3.4	
LOWER MANNVILLE K	181.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE P	37.5	0.05		1.9		1.9	0.6	1.3
PEKISKO A	17 213.0	0.05		361.0		361.0	348.7	12.3

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	6.80	0.120	0.24	0.53	266	788	120	39 682	-1 972.2	3 318.2	1971	1996-12 GPP
32	15.30	0.050	0.21	0.72	53	840	77	24 509	-1 582.3	2 181.1	1989	1996-07 ABAND 1998
16	2.70	0.260	0.35	0.86	52	842	46	7 256	-550.2	1 243.4	1991	1996-07 GPP
64	7.50	0.200	0.48	0.85	54	894	41	8 407	-546.5	1 236.9	1985	1991-12 GPP
16	3.00	0.180	0.35	0.80	54	885	46	10 406	-648.2	1 483.0	1982	1996-07 GPP
127	2.66	0.160	0.29	0.86	69	866	49	10 607	-662.4	1 581.5	1986	1998-12 GPP
360	6.00	0.200	0.30	0.86	69	855	49	10 693	-660.6	1 566.3	1981	1992-03 GPP
16	6.60	0.150	0.46	0.86	75	834	49	10 604	-646.2	1 514.9	1991	1998-12 GPP
128	6.12	0.190	0.31	0.79	90	879	50	10 729	-654.9	1 508.9	1979	1997-12 GPP
16	1.50	0.160	0.40	0.88	46	891	41	10 647	-672.0	1 535.9	1984	1996-07 GPP
16	7.00	0.160	0.49	0.88	44	884	50	10 982	-699.9	1 619.4	1985	1996-07 GPP
64	2.20	0.170	0.26	0.76	114	832	60		-1 075.2	1 663.1	1996	1997-06
32	3.30	0.260	0.56	0.93	25	882	35	8 198	-165.1	918.0	1996	1996-11 GPP
16	4.60	0.260	0.50	0.93	25	882	35	7 632	-162.4	925.0	1996	1997-05 GPP
16	1.60	0.240	0.48	0.93	25	882	35		-166.6	931.2	1996	1997-05 GPP
16	5.00	0.240	0.51	0.93	25	882	35		-165.8	924.3	1996	1998-12 GPP
312	1.25	0.173	0.26	0.84	44	876	49	9 487	-553.3	1 415.3	1956	1996-07 GPP
32	4.20	0.150	0.35	0.84	67	800	59			1 583.8	1995	1998-07
192	10.00	0.070	0.20	0.85	55	821	69	21 608	-922.3	1 818.7	1985	1996-08 GPP
64	1.58	0.130	0.24	0.78	99	835	92	19 095	-1 347.7	2 198.4	1992	1997-01
32	4.30	0.070	0.45	0.83	52	860	85	19 737	-1 435.8	2 304.1	1994	1995-05
128	1.90	0.210	0.24	0.85	48	870	49	7 576	-515.1	1 350.9	1980	1993-09 GPP
192	1.53	0.150	0.47	0.94	20	825	38	7 429	-361.6	1 201.8	1974	1990-10 GPP
64	9.20	0.180	0.43	0.85	51	870	40	7 801	-550.2	1 416.9	1987	1991-09 GPP
422	2.82	0.190	0.33	0.85	46	855	53	7 979	-533.1	1 365.7	1964	1992-02 GPP
16	8.60	0.150	0.34	0.79	78	878	59	8 031	-531.9	1 372.6	1990	1996-07
115	2.50	0.200	0.30	0.83	62	881	61	8 084	-538.2	1 371.8	1990	1996-08 GPP
16	5.90	0.170	0.42	0.95	18	939	37	9 992	-483.0	1 315.4	1977	1991-07
32	5.90	0.170	0.34	0.85	51	870	40	8 790	-542.6	1 412.4	1987	1996-08 GPP
16	17.37	0.140	0.25	0.80	51	870	52	9 575	-572.3	1 417.8	1964	1992-11 ABAND 1975
16	2.40	0.180	0.21	0.82	66	847	53	8 994	-520.0	1 344.8	1976	1996-07
64	2.00	0.200	0.24	0.82	60	869	46	9 673	-495.4	1 349.0	1981	1992-10
64	3.50	0.170	0.42	0.82	66	864	53	10 256	-518.2	1 371.8	1981	1982-12 ABAND 1988
16	6.00	0.090	0.47	0.82	66	846	53	9 751	-566.6	1 405.2	1987	1992-02 GPP
1 424	9.32	0.080	0.21	0.86	70	870	50	9 555	-535.7	1 364.0	1960	1992-09 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ROWLEY 032-20W4 (CONTINUED)								
PEKISKO B	61.9	<0.01		0.1		0.1	0.1	*
PEKISKO D	33.8	<0.01		0.1		0.1	0.1	
BANFF A	77.6	<0.01		0.1		0.1	0.1	
BANFF B	118.0	0.05		5.9		5.9	1.5	4.4
FIELD TOTAL	11 223.0			692.6		692.6	622.1	70.5
ROYAL 053-15W4								
MIDDLE VIKING D	41.5	0.05		2.1		2.1	0.8	1.3
MIDDLE VIKING E	110.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	151.5			2.4		2.4	1.1	1.3
RUMSEY 034-21W4								
GLAUCONITIC H	61.4	0.15		9.2		9.2	8.3	0.9
FIELD TOTAL *	61.4			9.2		9.2	8.3	0.9
RYCROFT 077-05W6								
GETHING B	36.0	<0.01		0.2		0.2	0.2	
GETHING E	186.0	0.02		3.7		3.7	0.4	3.3
CHARLIE LAKE A TOTAL	2 500.0			265.0	776.0	1 041.0	763.7	277.3
PRIMARY AREA	283.0	0.15		42.5		42.5		
WATER FLOOD AREA	2 217.0	0.10	0.35	222.0	776.0	998.0		
CHARLIE LAKE C TOTAL	607.0			91.1	138.0	229.0	154.9	74.1
PRIMARY AREA	146.0	0.15		21.9		21.9		
WATER FLOOD AREA	461.0	0.15	0.30	69.2	138.0	207.0		
CHARLIE LAKE J	133.0	<0.09		11.2		11.2	11.2	
CHARLIE LAKE K	28.6	<0.01		0.1		0.1	0.1	
CHARLIE LAKE M	579.0	0.15		86.9		86.9	52.2	34.7
HALFWAY B	541.0	0.15		81.2		81.2	44.2	37.0
HALFWAY C	4 259.0	0.20	0.30	852.0	1 278.0	2 130.0	1 913.0	217.0
WATER FLOOD								
HALFWAY D	684.0	0.07		47.9		47.9	34.9	13.0
HALFWAY E	233.0	<0.10		22.6		22.6	22.6	
HALFWAY F	170.0	0.20		34.0		34.0	29.3	4.7
HALFWAY G	15.4	<0.03		0.4		0.4	0.4	
HALFWAY H	66.4	0.15		10.0		10.0	9.0	1.0
FIELD TOTAL	10 038.4			1 506.3	2 192.0	3 698.2	3 036.1	662.1
SADDLE HILLS 076-08W6								
CHARLIE LAKE A	349.0	<0.07		21.8		21.8	21.8	
CHARLIE LAKE B	42.3	<0.09		3.7		3.7	3.7	
CHARLIE LAKE D	31.2	<0.01		0.3		0.3	0.3	
CHARLIE LAKE E	123.0	<0.04		4.6		4.6	4.6	
HALFWAY A	63.0	0.03		1.9		1.9	1.9	
HALFWAY B	33.8	0.20		6.8		6.8	1.1	5.7
FIELD TOTAL	642.3			39.1		39.1	33.4	5.7
SAKWATAMAU 063-14W5								
GETHING A	800.0	0.20		160.0		160.0	131.2	28.8
GETHING B	69.4	<0.01		0.1		0.1	0.1	
BELLOY A	500.0	0.35		175.0		175.0	164.3	10.7
BELLOY B	43.2	<0.01		0.3		0.3	0.3	
SHUNDA A	27.6	0.15		4.1		4.1	0.2	3.9
BEAVERHILL LAKE A	827.0	0.15		124.0		124.0	50.9	73.1
BEAVERHILL LAKE D	585.0	0.15		87.8		87.8	10.0	77.8
FIELD TOTAL	2 852.2			551.3		551.3	357.0	194.3
SALT CREEK 075-10W5								
SLAVE POINT A	178.0	0.10		17.8		17.8	3.5	14.3
GILWOOD A	144.0	0.15		21.6		21.6	16.2	5.4
FIELD TOTAL	322.0			39.4		39.4	19.7	19.7
SAMSON 044-24W4								
BLAIRMORE A	1 460.0	<0.03		40.0		40.0	38.5	1.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.50	0.100	0.25	0.86	43	870	49	7 827	-515.2	1 368.3	1981	1982-12 GPP
16	6.20	0.060	0.34	0.86	48	865	52	3 492	-517.1	1 362.2	1990	1992-09 ABAND 1992
64	5.00	0.060	0.53	0.86	56	876	42	9 000	-582.0	1 425.2	1991	1994-11 ABAND 1991
32	4.00	0.150	0.28	0.85	61	849	42	12 269	-543.5	1 375.0	1995	1995-11
64	0.80	0.180	0.50	0.90	40	840	30	4 146	37.2	652.2	1981	1993-12 GPP
128	1.14	0.210	0.55	0.80	40	848	33	4 659	48.3	618.9	1980	1989-12
64	1.30	0.140	0.38	0.85	57	845	40	8 573	-557.0	1 454.8	1986	1987-11 GPP
16	3.50	0.120	0.37	0.85	60	811	50	10 720	-594.5	1 234.5	1983	1996-04 ABAND 1995
32	7.50	0.130	0.30	0.85	60	890	34	11 898	-675.7	1 343.0	1993	1998-11 GPP
1 200					62	889	54	12 862	-734.0	1 376.4	1981	1997-12
168	1.68	0.139	0.13	0.83								GPP
1 032	2.14	0.139	0.13	0.83								GPP
454					63	865	54	13 112	-751.5	1 417.1	1982	1993-06
128	1.16	0.150	0.22	0.84								GPP
326	1.17	0.182	0.21	0.84								GPP
107	1.50	0.150	0.35	0.85	55	826	54	13 694	-800.5	1 460.8	1983	1996-07
16	2.16	0.128	0.23	0.84	63	885	54	12 558	-775.7	1 450.3	1985	1992-12 ABAND 1992
192	2.93	0.170	0.28	0.84	63	881	54	12 598	-674.7	1 291.0	1987	1988-05 GPP
192	4.95	0.150	0.52	0.79	93	835	55	13 424	-769.4	1 415.6	1983	1986-03 GPP
1 073	4.44	0.155	0.27	0.79	93	832	55	13 185	-763.3	1 421.0	1984	1998-12 GPP
256	3.55	0.140	0.32	0.79	80	835	45	12 729	-745.7	1 387.1	1982	1996-08
32	6.80	0.190	0.33	0.84	93	828	55	12 775	-766.6	1 455.0	1986	1997-12 GPP
128	2.19	0.126	0.39	0.79	93	827	55	13 714	-795.3	1 455.8	1987	1993-12 GPP
16	1.73	0.130	0.46	0.79	93	828	55	11 720	-735.1	1 371.6	1989	1996-07
64	1.20	0.150	0.27	0.79	93	827	55	12 744	-764.1	1 410.1	1990	1991-07 GPP
192	1.44	0.200	0.19	0.78	91	845	72	15 297	-941.9	1 749.5	1981	1996-07 GPP
16	2.40	0.170	0.17	0.78	91	845	72	15 634	-939.9	1 757.4	1984	1996-07
64	0.59	0.129	0.20	0.80	70	835	70	14 414	-944.6	1 724.4	1982	1992-10 ABAND 1993
64	2.20	0.124	0.10	0.78	91	833	72	17 953	-970.9	1 934.1	1987	1998-08 ABAND 1998
32	4.82	0.090	0.37	0.72	120	816	58	19 682	-1 034.6	1 860.2	1989	1998-08 ABAND 1998
64	1.50	0.080	0.38	0.71	134	817	74	19 816	-1 054.4	1 977.8	1995	1996-09
318	2.42	0.180	0.27	0.79	142	892	61	13 044	-762.8	1 728.1	1975	1995-12 GPP
65	1.43	0.120	0.25	0.83	142	892	59	12 940	-767.7	1 664.4	1975	1982-12 ABAND 1991
311	1.73	0.170	0.28	0.76	105	800	72	14 616	-900.2	1 795.3	1984	1992-03 GPP
16	2.50	0.200	0.29	0.76	105	807	72	15 178	-888.3	1 737.3	1994	1998-06 ABAND 1998
64	1.50	0.090	0.60	0.80	86	849	65			1 733.5	1997	1998-04
192	18.20	0.050	0.26	0.64	224	825	109	27 604	-1 890.4	2 801.0	1988	1997-12 GPP
128	17.55	0.050	0.16	0.62	240	824	109	23 937	-1 905.1	2 810.5	1997	1998-04 GPP
64	8.24	0.075	0.50	0.90	32	851	55	14 815	-1 180.4	1 774.1	1985	1986-08 GPP
64	4.29	0.096	0.30	0.78	103	839	60	18 438	-1 211.5	1 804.0	1966	1989-12 GPP
324	3.99	0.186	0.25	0.81	50	887	60	10 881	-663.8	1 461.0	1953	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
SAMSON 044-24W4 (CONTINUED)									
FIELD TOTAL	1 460.0			40.0		40.0	38.5	1.5	
SAWN LAKE 091-12W5									
SLAVE POINT A TOTAL	2 200.0			178.0	150.0	328.0	240.0	88.0	
PRIMARY AREA	700.0	0.04		28.0		28.0			
WATER FLOOD AREA	1 500.0	0.10	0.10	150.0	150.0	300.0			
SLAVE POINT J TOTAL	11 120.0			516.0	78.9	595.0	435.6	159.4	
PRIMARY AREA	9 143.0	0.05		457.0		457.0			
WATER FLOOD AREA	1 973.0	0.03	0.04	59.2	78.9	138.0			
SLAVE POINT K	337.0	0.05		16.9		16.9	15.2	1.7	
SLAVE POINT L	132.0	0.15		19.8		19.8	17.2	2.6	
SLAVE POINT M	329.0	0.07		23.0		23.0	12.9	10.1	
SLAVE POINT N	515.0	0.10		51.5		51.5	8.2	43.3	
SLAVE POINT O	84.2	0.15		12.6		12.6	3.2	9.4	
SLAVE POINT P	67.4	0.15		10.1		10.1	2.0	8.1	
FIELD TOTAL	14 784.6			827.9	228.9	1 056.9	734.3	322.6	
SAXON 061-24W5									
CARDIUM A	28.0	<0.10		2.7		2.7	2.7		
FIELD TOTAL	28.0			2.7		2.7	2.7		
SEAL 082-14W5									
SLAVE POINT A	3 272.0	0.40		1 309.0		1 309.0	1 140.6	168.4	
SLAVE POINT B	237.0	0.30		71.1		71.1	63.1	8.0	
SLAVE POINT C	505.0	<0.02		7.6		7.6	7.6		
SLAVE POINT D	1 382.0	0.19		263.0		263.0	236.5	26.5	
SLAVE POINT E	113.0	<0.01		0.8		0.8	0.8		
SLAVE POINT F	74.5	<0.18		13.0		13.0	13.0		
SLAVE POINT G	520.0	0.50		260.0		260.0	218.5	41.5	
SLAVE POINT H	195.0	0.33		64.4		64.4	50.5	13.9	
SLAVE POINT I	79.3	0.15		11.9		11.9	4.9	7.0	
SLAVE POINT J	78.3	0.25		19.6		19.6	3.7	15.9	
SLAVE POINT K	39.8	0.50		19.9		19.9	11.8	8.1	
SLAVE POINT L	50.5	0.20		10.1		10.1	5.9	4.2	
FIELD TOTAL	6 546.4			2 050.4		2 050.4	1 756.9	293.5	
SEDGEWICK 042-12W4									
BASAL MANNVILLE E	99.8	0.05		5.0		5.0	0.4	4.6	
FIELD TOTAL *	99.8			5.0		5.0	0.4	4.6	
SEIU LAKE 025-18W4									
UPPER MANNVILLE F	333.0	0.10		33.3		33.3	0.3	33.0	
LOWER MANNVILLE G	776.0	0.03		23.3		23.3	17.8	5.5	
LOWER MANNVILLE J	116.0	0.05		5.8		5.8	5.8		
PEKISKO A	107.0	0.10		10.7		10.7	6.9	3.8	
FIELD TOTAL	1 332.0			73.1		73.1	30.8	42.3	
SENEX 092-04W5									
SLAVE POINT A	84.2	<0.06		4.6		4.6	4.6		
SLAVE POINT B & KEG RIVER N	123.0	<0.08		8.7		8.7	8.7		
KEG RIVER A	1 890.0	0.03		56.7		56.7	41.1	15.6	
KEG RIVER B	1 270.0	0.20		254.0		254.0	229.9	24.1	
KEG RIVER E	310.0	<0.09		26.1		26.1	26.1		
KEG RIVER H	86.0	<0.06		4.9		4.9	4.9		
KEG RIVER I	437.0	0.25		109.0		109.0	77.9	31.1	
KEG RIVER J	303.0	0.25		75.8		75.8	64.0	11.8	
KEG RIVER K	194.0	0.12		23.3		23.3	18.8	4.5	
KEG RIVER L	111.0	0.10		11.1		11.1	3.6	7.5	
KEG RIVER M	624.0	0.25		156.0		156.0	99.5	56.5	
KEG RIVER O	185.0	<0.01		0.9		0.9	0.9		
KEG RIVER P	273.0	0.20		54.6		54.6	34.0	20.6	
KEG RIVER Q	222.0	0.30		66.6		66.6	54.9	11.7	
KEG RIVER R	537.0	0.05		26.9		26.9	24.8	2.1	
KEG RIVER S	328.0	0.20		65.6		65.6	34.2	31.4	
KEG RIVER T	156.0	<0.02		3.0		3.0	3.0		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
480					57	822	38	13 255	-793.7	1 595.1	1983	1994-02
288	4.71	0.075	0.21	0.87								
192	14.77	0.076	0.20	0.87								GPP
2 910					57	822	38	13 568	-812.7	1 605.8	1983	1998-05
2 420	9.40	0.070	0.34	0.87								
490	10.33	0.070	0.36	0.87								GPP
64	14.61	0.061	0.32	0.87	46	828	39	13 721	-814.2	1 629.5	1985	1985-12 GPP
64	5.72	0.066	0.38	0.88	44	829	37	13 863	-833.0	1 629.0	1985	1986-03 GPP
64	11.10	0.075	0.29	0.87	44	831	45	13 025	-828.8	1 628.8	1985	1996-08 GPP
64	18.60	0.070	0.29	0.87	57	822	38	13 024	-806.8	1 604.5	1997	1997-07 GPP
20	15.00	0.060	0.45	0.85	67	850	42			1 591.6	1997	1998-12 GPP
32	5.50	0.060	0.24	0.84	69	721	41		-829.0	1 630.0	1997	1998-10 GPP
16	2.40	0.140	0.35	0.80	82	833	58	13 237	-640.2	1 686.3	1977	1996-07 GPP
562	7.79	0.110	0.21	0.86	42	830	68	18 549	-1 112.5	1 806.1	1974	1995-12 GPP
192	4.72	0.055	0.46	0.88	39	830	54	18 398	-1 135.2	1 829.3	1985	1988-01 GPP
189	6.20	0.070	0.30	0.88	39	824	54	17 525	-1 097.8	1 784.7	1987	1996-07 GPP
256	10.94	0.066	0.16	0.89	35	818	52	17 652	-1 091.7	1 797.4	1985	1994-12 GPP
16	13.60	0.079	0.25	0.88	39	825	54	17 622	-1 114.3	1 809.0	1987	1996-07 GPP
64	2.70	0.062	0.21	0.88	39	825	54	17 531	-1 115.4	1 816.6	1987	1996-07 GPP
224	3.74	0.092	0.25	0.90	39	825	54	16 675	-1 091.5	1 804.7	1991	1996-09 GPP
65	5.47	0.078	0.22	0.90	39	825	54	16 315	-1 095.6	1 817.2	1991	1997-12 GPP
16	8.50	0.090	0.28	0.90	36	829	58	15 198	-1 103.2	1 821.5	1994	1997-11 GPP
32	5.80	0.060	0.21	0.89	35	818	52	14 546	-1 088.8	1 817.3	1995	1995-10 GPP
17	3.40	0.090	0.13	0.88	39	824	54		-1 091.9	1 813.3	1997	1998-01 GPP
15	5.00	0.090	0.15	0.88	39	824	54		-1 067.8	1 793.5	1997	1998-02 GPP
32	1.80	0.260	0.32	0.98	8	880	30			895.0	1997	1998-06 GPP
64	8.00	0.140	0.42	0.80	79	842	46	9 653	-434.5	1 393.4	1992	1995-03
128	6.29	0.180	0.37	0.85	66	857	38	9 323	-461.5	1 366.0	1979	1996-08 GPP
32	3.05	0.200	0.30	0.85	74	844	47	9 744	-446.8	1 377.7	1960	1969-05 ABAND 1968
32	5.00	0.120	0.33	0.83	67	846	43	7 643	-475.3	1 416.5	1990	1992-06 GPP
16	13.41	0.082	0.45	0.87	57	835	30	10 030	-555.0	1 044.9	1986	1995-09 ABAND 1995
16	17.18	0.080	0.39	0.92	27	830	36	13 197	-762.1	1 262.8	1987	1996-07 GPP
512	9.15	0.067	0.30	0.86	55	829	31	13 315	-673.8	1 266.3	1969	1996-08 GPP
654	3.06	0.100	0.31	0.92	27	831	35	13 787	-706.4	1 279.9	1985	1994-07 GPP
192	6.28	0.054	0.44	0.85	55	829	31	13 550	-691.2	1 241.4	1986	1998-12 GPP
32	7.07	0.071	0.37	0.85	55	829	31	12 284	-681.8	1 212.5	1986	1996-07 GPP
100	8.51	0.099	0.39	0.85	55	830	37	13 493	-693.5	1 258.8	1986	1994-12 GPP
64	12.60	0.064	0.31	0.85	55	829	31	13 540	-705.8	1 266.6	1987	1987-05 GPP
64	6.58	0.077	0.35	0.92	30	832	35	13 264	-714.5	1 297.0	1987	1996-08 GPP
32	8.55	0.068	0.30	0.85	55	837	31	12 354	-655.9	1 222.7	1986	1998-12 GPP
314	3.83	0.090	0.33	0.86	55	830	31	12 001	-629.6	1 250.7	1986	1995-06 GPP
32	6.20	0.139	0.27	0.92	27	830	36	13 241	-685.7	1 257.6	1987	1994-08 ABAND 1994
128	3.90	0.090	0.34	0.92	27	830	36	13 159	-684.4	1 259.5	1987	1988-02 GPP
64	7.80	0.062	0.22	0.92	27	829	36	13 407	-692.1	1 233.5	1987	1997-12 GPP
100	11.58	0.070	0.28	0.92	30	834	40	13 130	-673.4	1 237.3	1987	1996-08 GPP
128	5.30	0.090	0.39	0.88	47	829	40	12 851	-700.9	1 269.6	1987	1988-03 GPP
64	5.40	0.090	0.41	0.85	55	829	31	13 262	-681.0	1 242.8	1987	1996-01 ABAND 1995

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
SENEX 092-04W5 (CONTINUED)								
KEG RIVER U	372.0	0.20		74.4		74.4	55.0	19.4
KEG RIVER V	50.9	<0.08		4.0		4.0	4.0	
KEG RIVER W	68.3	0.13		8.9		8.9	6.5	2.4
KEG RIVER Y	74.4	<0.01		0.4		0.4	0.4	
KEG RIVER Z	83.2	0.06		5.0		5.0	1.6	3.4
KEG RIVER AA	112.0	0.20		22.4		22.4	13.6	8.8
KEG RIVER BB	42.9	0.07		3.0		3.0	2.5	0.5
KEG RIVER CC	89.5	<0.01		0.5		0.5	0.5	
KEG RIVER DD	690.0	0.15		104.0		104.0	64.4	39.6
KEG RIVER EE	809.0	0.10		80.9		80.9	48.8	32.1
KEG RIVER FF	66.0	0.05		3.3		3.3	2.3	1.0
KEG RIVER GG	53.3	0.12		6.4		6.4	6.4	
KEG RIVER II	627.0	0.20		125.0		125.0	21.8	103.2
KEG RIVER JJ	754.0	0.06		45.2		45.2	34.5	10.7
KEG RIVER KK	1 563.0	0.35		547.0		547.0	283.9	263.1
KEG RIVER LL	51.0	0.20		10.2		10.2	2.3	7.9
KEG RIVER MM	241.0	0.20		48.2		48.2	6.5	41.7
KEG RIVER NN	36.5	0.15		5.5		5.5	2.2	3.3
KEG RIVER OO	907.0	0.20		181.0		181.0	34.9	146.1
KEG RIVER PP	293.0	0.10		29.3		29.3	17.4	11.9
KEG RIVER QQ	237.0	0.15		35.6		35.6	6.8	28.8
KEG RIVER RR	110.0	0.20		22.0		22.0	5.3	16.7
KEG RIVER SS	171.0	0.08		13.7		13.7	8.3	5.4
KEG RIVER TT	363.0	0.20		72.6		72.6	16.0	56.6
KEG RIVER VV	1 045.0	0.20		209.0		209.0	16.8	192.2
KEG RIVER WW	161.0	0.25		40.3		40.3	8.6	31.7
KEG RIVER XX	239.0	0.05		12.0		12.0	1.8	10.2
KEG RIVER YY	95.7	0.10		9.6		9.6	1.9	7.7
KEG RIVER ZZ	274.0	0.10		27.4		27.4	1.3	26.1
KEG RIVER C & X	1 525.0	0.20		305.0		305.0	283.4	21.6
GRANITE WASH A	350.0	0.10		35.0		35.0	0.3	34.7
FIELD TOTAL	18 687.9			3 034.6		3 034.6	1 690.9	1 343.7
SHADOW 074-18W5								
MONTNEY A	346.0	0.05		17.3		17.3	0.6	16.7
GILWOOD A	349.0	0.25		87.3		87.3	85.7	1.6
GILWOOD B	207.0	<0.22		43.8		43.8	43.8	
GILWOOD C	411.0	0.20		82.2		82.2	82.2	
GILWOOD D	240.0	0.20		48.0		48.0	43.4	4.6
GILWOOD E	167.0	0.48		80.2		80.2	67.7	12.5
GILWOOD F	245.0	0.30		73.5		73.5	65.0	8.5
GILWOOD G	125.0	0.25		31.3		31.3	22.9	8.4
GILWOOD H	604.0	0.20		121.0		121.0	101.6	19.4
GILWOOD I	118.0	<0.03		3.5		3.5	3.5	
GILWOOD J	368.0	<0.03		10.3		10.3	10.3	
GILWOOD K	145.0	0.30		43.5		43.5	37.5	6.0
GILWOOD L	90.9	<0.07		5.5		5.5	5.5	
GILWOOD M	148.0	0.20		29.6		29.6	7.9	21.7
GILWOOD N	58.3	0.15		8.7		8.7	7.6	1.1
GILWOOD O	127.0	<0.11		12.9		12.9	12.9	
GILWOOD P	38.3	0.15		5.7		5.7	3.2	2.5
GILWOOD Q	197.0	0.25		49.3		49.3	45.1	4.2
GILWOOD R	77.3	<0.01		0.1		0.1	0.1	
GILWOOD S	75.5	<0.12		8.7		8.7	8.7	
GILWOOD T	109.0	0.03		3.3		3.3	3.3	
GILWOOD U	72.1	<0.24		17.0		17.0	17.0	
GILWOOD V	40.7	<0.20		7.9		7.9	7.9	
GILWOOD W	58.7	<0.12		6.9		6.9	6.9	
GILWOOD X	32.3	0.25		8.1		8.1	1.6	6.5
GILWOOD Y	159.0	0.50		79.5		79.5	62.6	16.9
GILWOOD Z	132.0	0.12		15.8		15.8	11.4	4.4
GILWOOD AA	16.2	<0.09		1.4		1.4	1.4	
GILWOOD BB	189.0	0.30		56.7		56.7	50.7	6.0
GILWOOD CC	27.6	<0.02		0.5		0.5	0.5	
GILWOOD DD	44.7	0.10		4.5		4.5	1.9	2.6
GILWOOD EE	203.0	0.30		60.9		60.9	21.2	39.7
GILWOOD FF	55.6	<0.05		2.6		2.6	2.6	
GILWOOD GG	21.2	0.20		4.2		4.2	2.9	1.3
GILWOOD HH	30.5	<0.17		5.0		5.0	5.0	
GILWOOD II	52.1	<0.09		4.5		4.5	4.5	

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
180	4.25	0.080	0.34	0.92	30	829	35	12 550	-643.8	1 257.1	1987	1994-09 GPP
16	9.07	0.059	0.30	0.85	55	829	31	12 060	-676.1	1 286.9	1970	1996-07 GPP
32	6.08	0.059	0.30	0.85	55	829	31	13 240	-660.8	1 249.4	1969	1996-08 GPP
64	2.40	0.100	0.43	0.85	55	829	31	13 090	-683.0	1 245.4	1987	1996-01 ABAND 1995
32	6.90	0.063	0.35	0.92	27	830	36	12 068	-682.4	1 237.8	1988	1996-08 GPP
64	4.20	0.060	0.18	0.85	55	834	31	12 388	-687.3	1 226.2	1988	1996-06 GPP
16	7.30	0.070	0.43	0.92	31	835	35	13 122	-664.4	1 270.8	1987	1997-12 GPP
50	4.70	0.070	0.36	0.85	55	829	31	13 000	-814.0	1 358.3	1992	1996-01 ABAND 1995
214	6.20	0.090	0.32	0.85	55	829	31	11 632	-628.3	1 281.3	1993	1997-12 GPP
305	4.80	0.100	0.35	0.85	55	829	31	11 578	-630.8	1 285.7	1993	1997-12 GPP
16	11.50	0.060	0.35	0.92	30	834	35	12 597	-666.5	1 249.5	1985	1998-12 GPP
16	8.00	0.070	0.30	0.85	55	829	31	9 175	-701.1	1 259.0	1994	1998-12 GPP
100	11.70	0.090	0.30	0.85	55	829	31	11 988	-627.9	1 266.3	1994	1996-08 GPP
128	9.90	0.100	0.30	0.85	55	829	31	12 005	-630.2	1 284.3	1994	1997-12 GPP
388	6.32	0.100	0.25	0.85	55	829	31	11 835	-599.5	1 233.2	1994	1998-12 GPP
16	6.20	0.080	0.30	0.92	30	835	40	12 325	-631.0	1 249.7	1995	1996-10 GPP
64	9.00	0.070	0.35	0.92	30	834	35	10 336	-637.7	1 241.8	1995	1996-03 GPP
16	5.90	0.070	0.40	0.92	30	834	35	12 317	-630.0	1 252.5	1996	1996-12 GPP
128	6.50	0.150	0.21	0.92	30	834	35	11 851	-599.4	1 267.1	1995	1996-11 GPP
100	5.22	0.100	0.34	0.85	55	829	31	11 607	-625.0	1 253.5	1996	1998-08 GPP
64	6.50	0.100	0.33	0.85	55	829	31	10 241	-637.3	1 228.5	1995	1998-01 GPP
32	6.00	0.100	0.35	0.88	55	830	37		-606.6	1 261.0	1996	1996-11 GPP
32	9.00	0.100	0.30	0.85	55	829	31	12 199	-703.7	1 351.1	1996	1997-12 GPP
64	6.80	0.140	0.30	0.85	55	829	31		-397.5	1 279.3	1997	1997-12 GPP
60	18.67	0.130	0.22	0.92	30	835	40	11 304	-587.7	1 278.4	1997	1998-12 GPP
64	6.50	0.070	0.35	0.85	55	829	31	11 954	-611.4	1 248.8	1997	1997-11 GPP
32	7.50	0.150	0.22	0.85	55	829	31		-567.4	1 305.0	1997	1998-12 GPP
16	10.00	0.100	0.35	0.92	30	835	40			1 262.5	1996	1998-02 GPP
32	9.60	0.150	0.30	0.85	55	827	31	11 378	-593.9	1 305.6	1997	1998-09 GPP
662	4.01	0.096	0.32	0.88	27	828	35	13 850	-705.3	1 284.1	1985	1994-12 GPP
64	5.00	0.180	0.25	0.81	91	829	39			1 375.0	1997	1998-05 GPP
64	6.40	0.160	0.40	0.88	56	880	32	9 444	-483.6	1 071.9	1997	1997-11 GPP
100	3.90	0.148	0.32	0.89	24	833	83	25 398	-1 753.3	2 371.5	1985	1995-12 GPP
100	2.59	0.130	0.31	0.89	36	840	86	25 307	-1 736.9	2 344.3	1985	1994-11 GPP
196	2.59	0.140	0.35	0.89	23	833	72	25 660	-1 775.7	2 372.7	1985	1998-12 GPP
80	3.06	0.162	0.32	0.89	36	840	86	25 769	-1 773.9	2 379.7	1985	1994-11 GPP
64	2.97	0.130	0.24	0.89	36	838	78	25 359	-1 739.6	2 350.9	1984	1997-12 GPP
64	4.50	0.129	0.26	0.89	26	843	78	25 411	-1 746.5	2 352.4	1984	1985-01 GPP
40	4.05	0.116	0.25	0.89	23	832	86	25 200	-1 747.5	2 346.7	1987	1994-11 GPP
320	3.00	0.120	0.39	0.86	30	840	75	25 039	-1 752.3	2 388.9	1956	1994-12 GPP
64	2.41	0.143	0.40	0.89	26	813	81	26 061	-1 813.7	2 417.9	1987	1996-01 ABAND 1995
128	3.65	0.170	0.48	0.89	36	837	84	24 441	-1 736.3	2 345.1	1987	1996-07 GPP
64	2.48	0.160	0.36	0.89	36	835	75	22 937	-1 729.5	2 335.8	1988	1998-12 GPP
32	3.23	0.152	0.35	0.89	36	835	86	24 440	-1 712.8	2 351.8	1988	1996-07 GPP
64	3.00	0.140	0.38	0.89	36	843	86	25 380	-1 720.0	2 354.0	1986	1997-12 GPP
64	1.45	0.116	0.37	0.86	30	840	75	24 589	-1 738.4	2 350.9	1987	1996-06 GPP
32	3.50	0.180	0.29	0.89	36	835	86	25 304	-1 769.0	2 373.3	1988	1996-07 GPP
64	1.20	0.110	0.49	0.89	24	848	82	21 519	-1 757.3	2 360.1	1988	1997-10 GPP
64	3.50	0.150	0.32	0.86	72	838	70	21 526	-1 755.6	2 364.5	1988	1989-06 GPP
64	1.57	0.144	0.40	0.89	36	835	86	23 571	-1 703.2	2 341.5	1988	1989-06 ABAND 1990
32	2.24	0.160	0.26	0.89	36	835	86	24 101	-1 742.0	2 348.1	1988	1996-07 ABAND 1996
32	4.00	0.120	0.20	0.89	36	835	86	24 026	-1 765.1	2 371.9	1989	1992-08 ABAND 1992
16	4.20	0.180	0.33	0.89	36	838	62	23 849	-1 704.1	2 313.1	1993	1998-12 GPP
32	1.57	0.140	0.35	0.89	36	834	86	24 075	-1 702.5	2 319.5	1993	1998-12 GPP
32	1.70	0.170	0.27	0.87	32	810	70	23 931	-1 705.1	2 318.7	1993	1998-06 ABAND 1998
64	0.60	0.150	0.37	0.89	36	834	86	23 838	-1 702.6	2 312.7	1993	1994-05 GPP
64	2.35	0.170	0.30	0.89	36	834	86	23 317	-1 704.3	2 308.3	1994	1995-12 GPP
16	6.50	0.190	0.25	0.89	36	834	86	23 557	-1 777.1	2 388.3	1994	1998-12 GPP
16	1.90	0.120	0.50	0.89	37	835	86	23 145	-1 705.0	2 310.7	1994	1998-12 GPP
64	3.10	0.160	0.33	0.89	36	834	86	22 862	-1 704.9	2 300.5	1994	1997-12 GPP
16	1.70	0.190	0.40	0.89	36	834	36	23 352	-1 709.6	2 316.3	1994	1996-07 ABAND 1994
32	1.42	0.170	0.35	0.89	36	834	36	23 438	-1 718.5	2 334.1	1994	1996-08 GPP
64	2.50	0.180	0.19	0.87	32	810	70	22 997	-1 727.4	2 336.8	1994	1995-08 GPP
32	2.00	0.160	0.39	0.89	36	834	86	22 317	-1 707.0	2 304.1	1994	1996-04 ABAND 1995
16	2.20	0.130	0.48	0.89	36	834	86	27 195	-1 815.6	2 403.9	1994	1995-10 GPP
16	2.20	0.150	0.35	0.89	36	834	86	21 908	-1 727.7	2 326.0	1995	1998-12 GPP
16	2.50	0.190	0.23	0.89	36	834	86	24 048	-1 781.9	2 413.3	1995	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
SHADOW 074-18W5 (CONTINUED)									
GILWOOD JJ	49.5	<0.03		1.4		1.4	1.4		
GILWOOD KK	25.5	<0.09		2.1		2.1	2.1		
GILWOOD LL	89.4	<0.02		1.1		1.1	1.1		
GILWOOD MM	43.8	0.25		11.0		11.0	1.1	9.9	
GILWOOD NN	212.0	0.30		63.6		63.6	4.4	59.2	
GRANITE WASH A	222.0	<0.09		18.9		18.9	18.9		
FIELD TOTAL	6 023.2			1 139.3		1 139.3	885.6	253.7	
SHANE 077-02W6									
KISKATINAW A	67.2	<0.07		4.5		4.5	4.5		
WABAMUN A	32.8	<0.06		1.8		1.8	1.8		
WABAMUN B	51.9	<0.02		0.7		0.7	0.7		
WABAMUN C	64.2	<0.08		4.7		4.7	4.7		
WABAMUN D	59.6	<0.04		2.3		2.3	2.3		
FIELD TOTAL	275.7			14.0		14.0	14.0		
SHEKILIE 118-08W6									
MUSKEG A	95.3	<0.18		16.3		16.3	16.3		
MUSKEG C	233.0	<0.03		5.9		5.9	5.9		
MUSKEG D	280.0	<0.01		0.7		0.7	0.7		
MUSKEG E	213.0	<0.01		0.8		0.8	0.8		
MUSKEG F	110.0	<0.10		10.7		10.7	10.7		
MUSKEG G	120.0	0.14		16.8		16.8	16.8		
MUSKEG I	75.0	0.25		18.8		18.8	14.0	4.8	
MUSKEG J	66.4	0.20		13.3		13.3	12.9	0.4	
MUSKEG K	59.2	0.25		14.8		14.8	9.7	5.1	
MUSKEG M	124.0	<0.01		0.2		0.2	0.2		
MUSKEG H & KEG RIVER PP	264.0	0.15		39.6		39.6	38.6	1.0	
KEG RIVER A	504.0	0.28		141.0		141.0	136.7	4.3	
KEG RIVER B	455.0	<0.15		67.4		67.4	67.4		
KEG RIVER C	636.0	<0.23		141.1		141.1	141.1		
KEG RIVER D	493.0	0.35		173.0		173.0	169.8	3.2	
KEG RIVER E	159.0	<0.07		9.6		9.6	9.6		
KEG RIVER F	246.0	<0.19		45.1		45.1	45.1		
KEG RIVER G	150.0	0.28		42.0		42.0	41.4	0.6	
KEG RIVER H	121.0	<0.22		26.1		26.1	26.1		
KEG RIVER I	229.0	0.05		11.5		11.5	11.2	0.3	
KEG RIVER J	388.0	0.27		105.0		105.0	100.6	4.4	
KEG RIVER K	272.0	<0.12		32.4		32.4	32.4		
KEG RIVER L	290.0	<0.11		30.2		30.2	30.2		
KEG RIVER M	700.0	<0.04		26.9		26.9	26.9		
KEG RIVER N	50.0	<0.15		7.3		7.3	7.3		
KEG RIVER O	539.0	<0.02		10.1		10.1	10.1		
KEG RIVER P	754.0	<0.03		22.5		22.5	22.5		
KEG RIVER Q	500.0	0.18		90.0		90.0	82.5	7.5	
KEG RIVER R	350.0	<0.06		20.0		20.0	20.0		
KEG RIVER S	41.2	<0.19		7.5		7.5	7.5		
KEG RIVER T	450.0	<0.09		38.9		38.9	38.9		
KEG RIVER U	250.0	<0.31		75.3		75.3	75.3		
KEG RIVER V	151.0	0.40		60.4		60.4	53.4	7.0	
KEG RIVER W	299.0	<0.20		58.3		58.3	58.3		
KEG RIVER X	94.1	<0.15		14.1		14.1	14.1		
KEG RIVER Y	600.0	0.24	0.04	144.0	24.0	168.0	151.1	16.9	
WATER FLOOD									
KEG RIVER Z	470.0	0.15		70.5		70.5	56.8	13.7	
KEG RIVER AA	70.6	<0.18		12.3		12.3	12.3		
KEG RIVER BB	139.0	0.08		11.1		11.1	8.4	2.7	
KEG RIVER CC	270.0	<0.24		63.1		63.1	63.1		
KEG RIVER EE	200.0	<0.19		37.3		37.3	37.3		
KEG RIVER FF	167.0	<0.01		1.7		1.7	1.7		
KEG RIVER GG	320.0	0.15		48.0		48.0	40.0	8.0	
KEG RIVER HH	146.0	<0.02		1.9		1.9	1.9		
KEG RIVER II	205.0	<0.02		3.7		3.7	3.7		
KEG RIVER JJ	98.5	<0.06		5.1		5.1	5.1		
KEG RIVER KK	190.0	<0.06		10.7		10.7	10.7		
KEG RIVER LL	190.0	<0.14		26.1		26.1	26.1		
KEG RIVER MM	153.0	<0.13		19.1		19.1	19.1		
KEG RIVER NN	200.0	<0.16		31.8		31.8	31.8		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
8	7.20	0.140	0.31	0.89	36	834	86	19 472	-1 770.3	2 403.4	1996	1998-12 GPP
16	2.50	0.130	0.45	0.89	36	834	86	23 730	-1 792.5	2 443.7	1996	1998-12 GPP
64	1.51	0.160	0.35	0.89	36	843	86	22 469	-1 728.7	2 333.1	1994	1996-12 ABAND 1997
32	1.80	0.150	0.43	0.89	36	834	86	17 922	-1 746.2	2 361.9	1996	1997-03 GPP
32	6.20	0.160	0.25	0.89	36	840	86			2 350.4	1997	1998-04 GPP
64	5.81	0.139	0.50	0.86	39	846	87	24 970	-1 703.9	2 344.6	1986	1996-07 GPP
64	1.25	0.160	0.30	0.75	128	815	70	14 424	-884.1	1 473.9	1977	1996-07 GPP
32	4.00	0.040	0.20	0.80	70	852	68	25 976	-1 642.9	2 317.0	1985	1996-07 GPP
16	14.70	0.040	0.31	0.80	72	859	75	15 250	-1 571.1	2 205.5	1989	1996-07 ABAND 1997
32	8.90	0.040	0.32	0.83	62	849	61	26 914	-1 769.5	2 439.3	1990	1996-07 GPP
16	13.50	0.050	0.31	0.80	172	855	73	22 932	-1 754.4	2 398.8	1992	1996-07 GPP
31	5.79	0.089	0.11	0.67	155	811	83	18 028	-1 201.9	1 746.7	1971	1975-03 ABAND 1992
64	7.60	0.084	0.15	0.67	135	811	83	15 711	-1 178.6	1 664.7	1981	1986-12 GPP
64	10.50	0.075	0.17	0.67	155	810	83	17 263	-1 201.7	1 739.0	1983	1986-12 GPP
64	7.80	0.070	0.13	0.70	155	810	83	17 202	-1 192.0	1 701.4	1983	1986-12 GPP
27	8.37	0.074	0.06	0.70	145	826	75	18 274	-1 151.0	1 767.2	1984	1992-10 GPP
19	11.40	0.092	0.13	0.70	120	834	76	19 276	-1 171.2	1 787.4	1984	1996-07 GPP
9	14.39	0.092	0.10	0.70	153	838	68	17 143	-1 124.4	1 751.5	1985	1998-12 GPP
16	12.50	0.050	0.20	0.83	52	849	83	16 000	-1 145.2	1 764.2	1977	1990-12 GPP
32	4.00	0.065	0.11	0.80	66	841	88	20 372	-1 128.9	1 761.3	1986	1990-12 GPP
16	12.50	0.090	0.15	0.81	59	844	66	18 035	-1 202.9	1 763.3	1982	1996-07 GPP
55	7.92	0.090	0.09	0.74	93	876	70	14 760	-1 208.0	1 817.3	1982	1993-05 GPP
13	66.95	0.094	0.12	0.70	132	839	83	17 900	-1 194.5	1 701.7	1970	1996-12 GPP
12	60.62	0.100	0.08	0.68	151	820	81	17 593	-1 186.6	1 756.6	1971	1982-12 ABAND 1987
26	39.97	0.100	0.10	0.68	170	839	83	18 411	-1 185.4	1 727.6	1971	1994-11 GPP
15	94.49	0.065	0.15	0.63	176	820	79	18 612	-1 204.6	1 728.2	1971	1995-12 GPP
5	59.04	0.095	0.10	0.63	191	806	79	19 933	-1 197.1	1 754.6	1972	1974-12 GPP
5	113.39	0.073	0.14	0.69	138	825	84	18 673	-1 230.3	1 747.9	1972	1988-07 GPP
6	38.16	0.107	0.10	0.68	106	834	83	18 725	-1 251.0	1 801.8	1974	1996-12 GPP
9	30.44	0.070	0.10	0.70	132	828	80	15 399	-1 185.7	1 776.5	1979	1994-12 GPP
16	28.40	0.090	0.20	0.70	120	834	83	18 028	-1 219.0	1 715.8	1979	1995-12 GPP
64	15.00	0.070	0.15	0.68	150	825	74	5 194	-1 181.9	1 765.5	1979	1996-08 GPP
25	24.40	0.075	0.15	0.70	132	819	83	16 404	-1 201.7	1 722.0	1980	1996-07 GPP
10	49.20	0.090	0.18	0.80	138	823	86	16 011	-1 258.6	1 805.3	1980	1996-07 GPP
11	93.60	0.100	0.15	0.80	132	834	83	16 696	-1 247.8	1 779.0	1980	1994-11 GPP
12	7.00	0.090	0.15	0.78	142	814	81	14 669	-1 167.9	1 747.6	1980	1982-01 GPP
11	90.00	0.080	0.15	0.80	126	825	85	17 543	-1 253.8	1 777.0	1980	1984-12 ABAND 1988
16	99.02	0.080	0.15	0.70	124	825	86	16 088	-1 235.8	1 752.8	1980	1986-12 ABAND 1990
11	64.73	0.120	0.14	0.68	122	835	93	15 006	-1 205.5	1 714.0	1981	1998-12 GPP
10	75.70	0.080	0.15	0.68	143	820	50	18 454	-1 205.1	1 750.5	1981	1994-11 GPP
7	28.00	0.040	0.25	0.70	115	835	87	16 200	-1 277.2	1 832.0	1981	1983-12 GPP
12	68.90	0.080	0.15	0.80	140	826	86	18 707	-1 272.1	1 759.3	1980	1994-11 GPP
11	39.70	0.100	0.17	0.69	140	826	86	19 938	-1 274.9	1 765.7	1980	1994-11 GPP
16	17.60	0.090	0.15	0.70	150	825	83	17 808	-1 195.1	1 685.8	1979	1996-08 GPP
29	31.90	0.070	0.32	0.68	176	845	83	20 676	-1 234.7	1 751.7	1980	1996-07 GPP
11	28.30	0.060	0.30	0.72	95	845	82	17 634	-1 229.2	1 747.4	1981	1994-11 GPP
28	85.03	0.050	0.20	0.63	151	810	82	20 459	-1 196.4	1 785.6	1980	1998-12 GPP
17	63.20	0.067	0.13	0.75	135	830	68	17 430	-1 197.0	1 797.6	1969	1991-02 GPP
16	15.00	0.060	0.30	0.70	138	833	69	16 158	-1 279.9	1 817.5	1981	1988-12 GPP
9	51.00	0.050	0.15	0.71	113	825	82	15 705	-1 229.2	1 712.5	1981	1998-12 GPP
9	63.02	0.080	0.15	0.70	138	826	80	17 164	-1 231.0	1 721.8	1982	1994-11 GPP
11	41.80	0.080	0.20	0.68	130	835	95	18 379	-1 268.2	1 828.6	1982	1994-11 GPP
4	55.85	0.120	0.12	0.71	132	834	83	14 347	-1 200.1	1 765.6	1983	1992-11 GPP
16	38.00	0.090	0.14	0.68	113	834	74	17 007	-1 255.5	1 814.0	1983	1985-12 GPP
16	15.30	0.100	0.15	0.70	138	826	80	19 111	-1 229.0	1 728.4	1983	1986-12 ABAND 1987
16	31.50	0.070	0.17	0.70	138	826	80	16 588	-1 248.0	1 741.3	1983	1988-12 GPP
15	11.00	0.090	0.16	0.79	180	831	63	15 283	-1 168.0	1 760.9	1983	1985-10 ABAND 1987
16	24.50	0.080	0.11	0.68	146	821	83	11 449	-1 275.1	1 818.7	1984	1989-12 GPP
8	46.50	0.085	0.09	0.66	133	818	70	19 997	-1 168.7	1 783.0	1984	1996-07 GPP
16	32.20	0.050	0.15	0.70	130	838	49	15 249	-1 131.2	1 755.0	1983	1991-12 GPP
12	32.50	0.090	0.10	0.63	111	824	76	19 922	-1 143.2	1 763.5	1983	1994-11 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
SHEKILIE 118-08W6 (CONTINUED)								
KEG RIVER 00	340.0	<0.14		46.4		46.4	46.4	*
KEG RIVER 00	795.0	0.40		318.0		318.0	303.2	14.8
KEG RIVER RR	210.0	<0.17		35.5		35.5	35.5	
KEG RIVER SS	175.0	<0.05		7.2		7.2	7.2	
KEG RIVER TT	397.0	<0.10		36.9		36.9	36.9	
KEG RIVER UU	400.0	<0.06		21.6		21.6	21.6	
KEG RIVER VV	250.0	<0.08		19.2		19.2	19.2	
KEG RIVER WW	306.0	<0.12		34.8		34.8	34.8	
KEG RIVER XX	45.0	<0.10		4.4		4.4	4.4	
KEG RIVER YY	158.0	<0.11		16.4		16.4	16.4	
KEG RIVER ZZ	389.0	<0.04		13.6		13.6	13.6	
KEG RIVER AAA	500.0	0.13		65.0		65.0	64.6	0.4
KEG RIVER BBB	300.0	<0.02		4.8		4.8	4.8	
KEG RIVER CCC	500.0	<0.04		17.7		17.7	17.7	
KEG RIVER DDD	300.0	<0.04		10.6		10.6	10.6	
KEG RIVER EEE	500.0	<0.06		27.3		27.3	27.3	
KEG RIVER FFF	325.0	<0.01		0.9		0.9	0.9	
KEG RIVER GGG	595.0	<0.02		7.5		7.5	7.5	
KEG RIVER HHH	200.0	<0.03		4.6		4.6	4.6	
KEG RIVER III	142.0	0.30	0.03	42.6	4.7	47.3	47.3	
WATER FLOOD								
KEG RIVER JJJ	206.0	<0.01		0.4		0.4	0.4	
KEG RIVER KKK	450.0	<0.02		8.7		8.7	8.7	
KEG RIVER LLL	300.0	<0.11		30.6		30.6	30.6	
KEG RIVER MMM	330.0	0.15		49.5		49.5	38.3	11.2
KEG RIVER NNN	130.0	<0.02		2.1		2.1	2.1	
KEG RIVER OOO	325.0	0.25		81.3		81.3	75.2	6.1
KEG RIVER PPP	100.0	0.15		15.0		15.0	15.0	
KEG RIVER QOO	240.0	<0.07		15.9		15.9	15.9	
KEG RIVER SSS	400.0	<0.05		16.3		16.3	16.3	
KEG RIVER TTT	207.0	<0.08		15.4		15.4	15.4	
KEG RIVER UUU	1 500.0	0.30	0.15	450.0	225.0	675.0	496.6	178.4
WATER FLOOD								
KEG RIVER VVV	282.0	0.15		42.3		42.3	16.1	26.2
KEG RIVER WWW	23.4	<0.04		0.9		0.9	0.9	
KEG RIVER XXX	86.6	<0.05		4.0		4.0	4.0	
KEG RIVER YYY	720.0	0.10		72.0		72.0	66.8	5.2
KEG RIVER ZZZ	239.0	0.15		35.9		35.9	26.0	9.9
KEG RIVER A2A	433.0	<0.08		32.2		32.2	31.7	0.5
KEG RIVER B2B	200.0	<0.08		15.7		15.7	15.7	
KEG RIVER C2C	203.0	<0.10		18.7		18.7	18.6	0.1
KEG RIVER D2D	34.0	0.55		18.7		18.7	15.6	3.1
KEG RIVER E2E	168.0	<0.01		0.5		0.5	0.5	
KEG RIVER F2F	120.0	0.30	0.05	36.0	6.0	42.0	34.0	8.0
WATER FLOOD								
KEG RIVER G2G	140.0	0.23	0.01	33.5	2.5	36.0	36.0	
WATER FLOOD								
KEG RIVER H2H	31.0	<0.01		0.1		0.1	0.1	
KEG RIVER I2I	1 815.0	0.30	0.10	545.0	182.0	727.0	322.7	404.3
WATER FLOOD								
KEG RIVER J2J	460.0	<0.05		22.2		22.2	22.2	
KEG RIVER K2K	182.0	0.10		18.2		18.2	8.6	9.6
KEG RIVER L2L	57.3	<0.10		5.3		5.3	5.3	
KEG RIVER M2M	674.0	0.15	0.02	101.0	13.5	115.0	62.7	52.3
WATER FLOOD								
KEG RIVER N2N	228.0	0.19	0.06	43.3	13.7	57.0	24.0	33.0
WATER FLOOD								
KEG RIVER O2O	384.0	0.15		57.6		57.6	37.3	20.3
KEG RIVER P2P	173.0	0.15		26.0		26.0	6.6	19.4
KEG RIVER Q2Q	257.0	0.25		64.3		64.3	29.9	34.4
KEG RIVER R2R	159.0	<0.01		0.9		0.9	0.9	
KEG RIVER S2S	556.0	0.20	0.10	111.0	55.6	167.0	49.1	117.9
WATER FLOOD								
KEG RIVER T2T	39.6	<0.03	0.10	1.1	4.0	5.1	5.1	
WATER FLOOD								
KEG RIVER V2V	297.0	0.25		74.3		74.3	7.6	66.7
FIELD TOTAL	32 157.2			4 680.9	531.0	5 212.8	4 111.1	1 101.7
SHELDON 073-22W5								
GILWOOD A	81.9	<0.01		0.2		0.2	0.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
28	34.68	0.059	0.14	0.69	133	816	89	19 801	-1 176.6	1 789.7	1983	1996-07
30	56.02	0.073	0.10	0.72	119	845	70	17 197	-1 131.1	1 741.6	1971	1977-05
4	42.00	0.180	0.10	0.77	112	870	82	19 167	-1 201.0	1 840.0	1983	GPP
5	67.00	0.080	0.15	0.77	96	845	71	18 118	-1 151.1	1 784.5	1983	ABAND 1996
9	63.30	0.120	0.17	0.70	130	830	49	16 757	-1 154.0	1 783.8	1983	ABAND 1996
8	93.80	0.090	0.20	0.74	146	827	83	13 974	-1 195.8	1 829.0	1983	GPP
17	24.80	0.100	0.14	0.69	130	824	98	19 404	-1 261.0	1 824.8	1984	ABAND 1996
13	46.92	0.086	0.19	0.72	80	826	80	17 812	-1 186.0	1 671.9	1984	1994-11
6	33.08	0.041	0.21	0.70	138	826	80	17 286	-1 238.5	1 735.1	1984	1994-11
10	20.30	0.120	0.10	0.72	120	835	56	18 889	-1 133.8	1 760.0	1984	GPP
10	56.40	0.110	0.13	0.72	105	803	85	18 875	-1 144.9	1 776.3	1985	GPP
11	80.20	0.095	0.11	0.67	151	808	91	18 577	-1 231.2	1 768.5	1985	GPP
10	46.90	0.100	0.20	0.80	74	845	82	17 071	-1 155.7	1 786.8	1985	1996-12
15	101.10	0.054	0.15	0.72	118	840	60	18 111	-1 171.5	1 810.5	1985	ABAND 1996
7	98.80	0.070	0.14	0.72	113	840	64	15 668	-1 207.7	1 838.1	1985	ABAND 1996
11	66.50	0.113	0.16	0.72	114	840	61	18 012	-1 227.0	1 862.0	1985	ABAND 1996
16	45.30	0.075	0.12	0.68	150	820	82	12 215	-1 207.5	1 789.2	1985	ABAND 1993
10	87.00	0.095	0.10	0.80	74	834	82	21 641	-1 172.5	1 804.2	1985	GPP
8	65.10	0.080	0.20	0.60	195	820	60	11 659	-1 162.4	1 788.2	1985	1994-11
4	79.00	0.069	0.12	0.74	167	835	62	19 518	-1 161.4	1 777.8	1985	GPP
16	34.50	0.066	0.18	0.69	130	808	98	13 843	-1 207.1	1 776.3	1985	1986-09
13	76.94	0.079	0.15	0.67	151	830	91	15 876	-1 175.4	1 780.2	1986	ABAND 1987
10	46.09	0.103	0.11	0.71	120	845	71	15 153	-1 114.2	1 723.5	1985	1987-10
14	46.19	0.086	0.14	0.69	130	826	72	18 396	-1 134.7	1 756.7	1985	GPP
10	33.24	0.076	0.17	0.62	153	830	76	16 284	-1 158.4	1 785.5	1985	1998-12
11	46.70	0.099	0.18	0.78	153	811	76	13 803	-1 140.1	1 760.1	1986	GPP
14	11.67	0.100	0.15	0.72	133	841	70	18 244	-1 162.0	1 784.9	1982	1987-08
10	55.00	0.074	0.17	0.71	149	815	88	15 042	-1 250.8	1 798.5	1987	GPP
11	42.83	0.144	0.12	0.67	153	848	76	18 076	-1 135.4	1 757.5	1987	1994-11
16	47.50	0.042	0.10	0.72	133	838	70	17 913	-1 208.8	1 829.3	1987	ABAND 1991
40	76.85	0.079	0.13	0.71	133	838	70	16 800	-1 167.0	1 766.5	1986	GPP
16	48.50	0.060	0.16	0.72	133	838	70	16 743	-1 169.5	1 775.3	1986	1998-12
16	7.70	0.040	0.29	0.67	153	840	76	19 937	-1 209.0	1 825.9	1987	GPP
16	19.00	0.050	0.15	0.67	153	838	76	15 381	-1 122.3	1 745.6	1987	ABAND 1991
12	85.36	0.110	0.10	0.71	132	834	83	14 695	-1 202.4	1 706.2	1987	GPP
12	32.00	0.093	0.13	0.77	153	849	76	16 676	-1 117.9	1 740.0	1988	1992-08
8	75.37	0.120	0.12	0.68	151	821	82	14 123	-1 251.1	1 792.8	1988	1994-11
4	60.63	0.132	0.12	0.71	132	834	83	14 056	-1 250.0	1 793.0	1988	GPP
10	25.80	0.120	0.17	0.79	80	837	80	15 993	-1 272.2	1 800.3	1988	1998-12
1	57.00	0.120	0.30	0.71	133	838	70	17 083	-1 256.4	1 776.7	1988	GPP
11	28.80	0.080	0.14	0.77	96	845	71	16 658	-1 115.4	1 731.8	1989	1997-12
3	35.20	0.180	0.11	0.71	132	834	83	14 327	-1 242.0	1 747.0	1989	ABAND 1993
5	39.10	0.120	0.16	0.71	106	834	82	15 542	-1 240.6	1 750.0	1989	GPP
16	7.00	0.050	0.23	0.72	133	838	70	15 636	-1 212.9	1 735.5	1989	1998-12
57	56.00	0.090	0.11	0.71	131	840	82	16 144	-1 191.0	1 758.6	1990	GPP
16	44.00	0.100	0.14	0.76	106	833	82	12 331	-1 246.9	1 801.5	1991	1994-11
16	47.50	0.040	0.19	0.74	218	865	85	20 749	-1 272.1	1 771.8	1991	GPP
8	15.00	0.090	0.22	0.68	151	820	82	17 297	-1 172.1	1 767.6	1989	1996-07
81	19.74	0.075	0.23	0.73	125	829	80	15 402	-1 181.8	1 678.5	1992	GPP
26	24.70	0.060	0.19	0.73	117	829	86	14 750	-1 149.0	1 747.5	1992	1995-10
10	57.00	0.110	0.10	0.68	151	890	82	15 871	-1 175.7	1 744.0	1993	GPP
16	20.00	0.080	0.10	0.75	106	833	82	14 183	-1 186.8	1 665.0	1993	1998-12
16	28.00	0.090	0.14	0.74	218	865	85	18 474	-1 272.2	1 833.0	1993	1994-01
10	22.60	0.100	0.10	0.78	104	846	81	15 265	-1 342.7	1 792.0	1973	1996-07
10	66.00	0.130	0.10	0.72	133	838	70	14 013	-1 168.6	1 756.0	1994	1996-11
1	39.30	0.140	0.10	0.80	138	823	86	9 247	-1 239.5	1 787.8	1995	1998-12
16	24.00	0.110	0.10	0.78	104	846	81		-1 193.8	1 726.0	1996	GPP
64	1.60	0.165	0.43	0.85	43	842	94	29 388	-2 117.0	2 854.2	1987	1997-07
												ABAND 1995

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
SHELDON 073-22W5 (CONTINUED)								
FIELD TOTAL	81.9			0.2		0.2	0.2	
SHOAL 082-07W5								
GRANITE WASH A	150.0	<0.09		12.6		12.6	12.6	
FIELD TOTAL	150.0			12.6		12.6	12.6	
SHOULDICE 020-23W4								
BOW ISLAND A	78.6	<0.01		0.3		0.3	0.3	
GLAUCONITIC B	29.7	<0.01		0.2		0.2	0.2	
GLAUCONITIC E	500.0	0.20	0.03	100.0	15.0	115.0	113.6	1.4
WATER FLOOD								
GLAUCONITIC G	1 250.0	0.15		188.0		188.0	181.3	6.7
GLAUCONITIC H	351.0	<0.01		2.8		2.8	2.8	
GLAUCONITIC I	580.0	0.17		98.6		98.6	94.2	4.4
GLAUCONITIC J	200.0	<0.08		15.4		15.4	15.4	
GLAUCONITIC K	145.0	0.20		29.0		29.0	23.1	5.9
GLAUCONITIC M	1 000.0	0.10		100.0		100.0	45.8	54.2
GLAUCONITIC N	123.0	<0.09		10.1		10.1	10.1	
GLAUCONITIC O	424.0	0.10		42.4		42.4	30.0	12.4
GLAUCONITIC R	938.0	0.10		93.8		93.8	33.1	60.7
GLAUCONITIC S	489.0	0.10		48.9		48.9	29.7	19.2
GLAUCONITIC T	73.9	<0.01		0.1		0.1	0.1	
GLAUCONITIC U	22.2	0.25		5.6		5.6	5.0	0.6
GLAUCONITIC V	40.0	0.05		2.0		2.0	0.9	1.1
GLAUCONITIC X	369.0	0.20		73.8		73.8	23.4	50.4
GLAUCONITIC Y	48.5	0.15		7.3		7.3	3.7	3.6
GLAUCONITIC AA	59.7	0.10		6.0		6.0	0.6	5.4
ELLERSLIE A	61.2	<0.04		1.9		1.9	1.9	
ELLERSLIE B	41.4	<0.01		0.2		0.2	0.2	
ELLERSLIE C	767.0	0.15		115.0		115.0	96.8	18.2
ELLERSLIE E	172.0	<0.01		0.7		0.7	0.7	
ELLERSLIE F	34.2	<0.02		0.4		0.4	0.4	
ELLERSLIE G	45.6	0.15		6.8		6.8	3.2	3.6
ELLERSLIE J	79.3	<0.01		0.1		0.1	0.1	
ELLERSLIE M	28.3	<0.06		1.5		1.5	1.5	
ELLERSLIE N	13.5	<0.04		0.5		0.5	0.5	
ELLERSLIE O	71.6	<0.01		0.3		0.3	0.3	
ELLERSLIE P	211.0	<0.06		10.9		10.9	10.9	
ELLERSLIE Q	14.7	<0.05		0.7		0.7	0.7	
ELLERSLIE R	25.3	<0.03		0.6		0.6	0.6	
ELLERSLIE S	33.9	<0.02		0.5		0.5	0.5	
ELLERSLIE T	60.5	0.10		6.1		6.1	0.8	5.3
PEKISKO A	255.0	0.05		12.8		12.8	1.7	11.1
FIELD TOTAL	8 636.1			983.3	15.0	998.3	734.1	264.2
SIMONETTE 063-26W5								
DUNVEGAN B	109.0	<0.01		0.2		0.2	0.2	
DUNVEGAN F	18.2	0.10		1.8		1.8	1.0	0.8
DUNVEGAN K	183.0	0.10		18.3		18.3	1.4	16.9
DUNVEGAN A & I	1 920.0	0.11		211.0		211.0	199.0	12.0
BLUESKY A	150.0	0.20		30.0		30.0	28.1	1.9
GETHING C	126.0	<0.02		1.9		1.9	1.9	
GETHING F	216.0	0.10		21.6		21.6	5.0	16.6
NORDEGG A	833.0	0.04		33.3		33.3	30.9	2.4
WABAMUN C	1 513.0	<0.02		29.3		29.3	29.3	
WABAMUN D	203.0	0.10		20.3		20.3	4.1	16.2
D-3 TOTAL	18 000.0			6 864.0	72.0	6 936.0	6 544.7	391.3
PRIMARY AREA	16 800.0	0.38		6 384.0		6 384.0		
SOLVENT FLOOD AREA	1 200.0	0.40	0.06	480.0	72.0	552.0		
D-3 B	526.0	0.12		63.1		63.1	56.1	7.0
D-3 C	871.0	0.52		453.0		453.0	357.5	95.5
D-3 D	890.0	0.30		267.0		267.0	66.3	200.7
D-3 E	65.4	<0.13		8.0		8.0	8.0	
BEAVERHILL LAKE A	6 600.0	0.15	0.30	990.0	1 980.0	2 970.0	1 877.5	1 092.5
WATER FLOOD								
BEAVERHILL LAKE B	1 700.0	0.15	0.25	255.0	425.0	680.0	369.7	310.3
WATER FLOOD								
FIELD TOTAL	33 923.6			9 267.8	2 477.0	11 744.8	9 580.7	2 164.1

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
119	1.70	0.110	0.27	0.92	54	832	50	17 671	-1 027.4	1 646.6	1982	1996-07 GPP
64	1.50	0.150	0.40	0.91	32	847	40	7 814	-358.3	1 393.0	1984	1984-09 ABAND 1984
64	0.60	0.140	0.35	0.85	59	871	42	13 629	-599.5	1 623.5	1982	1983-02 ABAND 1991
64	5.13	0.230	0.16	0.79	92	849	39	13 627	-598.8	1 651.0	1975	1993-12 GPP
121	8.98	0.210	0.25	0.73	120	824	46	13 445	-640.0	1 643.1	1981	1989-10 GPP
64	5.76	0.172	0.30	0.79	98	813	42	12 814	-651.7	1 624.5	1986	1992-10
64	7.28	0.210	0.25	0.79	98	838	45	13 194	-606.0	1 666.5	1987	1998-12 GPP
64	2.47	0.200	0.20	0.79	98	813	42	13 220	-617.8	1 657.6	1981	1994-08 ABAND 1994
64	1.80	0.210	0.24	0.79	98	813	43	13 434	-661.1	1 661.8	1987	1991-12 GPP
128	7.36	0.184	0.27	0.79	110	850	42	12 779	-632.1	1 654.0	1988	1989-06
32	3.20	0.200	0.24	0.79	98	813	42	13 723	-571.7	1 472.6	1989	1998-12 GPP
98	3.67	0.210	0.29	0.79	98	813	42	11 378	-575.6	1 532.2	1993	1996-05 GPP
64	12.05	0.200	0.23	0.79	98	813	42	11 714	-572.8	1 498.0	1993	1996-05 GPP
44	8.80	0.200	0.20	0.79	98	813	42	12 957	-645.8	1 645.6	1994	1994-07 GPP
16	5.00	0.180	0.35	0.79	98	813	42	13 001	-550.1	1 438.0	1994	1996-07
9	2.22	0.180	0.22	0.79	98	813	42	12 108	-656.7	1 538.9	1995	1998-08
16	1.92	0.220	0.25	0.79	98	813	42	4 284	-576.5	1 496.0	1993	1996-04
131	2.63	0.200	0.33	0.80	91	836	40	12 800	-658.0	1 534.5	1997	1998-06
16	2.70	0.180	0.22	0.80	91	836	40			1 525.4	1997	1998-06 GPP
20	2.25	0.210	0.20	0.79	98	813	42			1 565.2	1996	1998-08
64	1.60	0.120	0.40	0.83	46	838	40	13 409	-628.0	1 658.0	1981	1983-02 ABAND 1986
32	1.50	0.160	0.35	0.83	66	859	44	14 586	-709.3	1 717.3	1981	1994-02 ABAND 1993
488	1.94	0.160	0.39	0.83	96	854	40	13 912	-651.9	1 586.9	1972	1993-12 GPP
64	4.50	0.120	0.40	0.83	66	873	51	14 501	-653.0	1 679.8	1982	1986-12 ABAND 1985
16	2.30	0.190	0.41	0.83	125	850	65	13 434	-616.3	1 684.0	1987	1996-07
64	1.20	0.130	0.45	0.83	83	839	45	12 324	-636.0	1 596.0	1980	1989-03 GPP
16	8.20	0.140	0.48	0.83	83	839	45	11 115	-612.1	1 542.6	1989	1996-07 ABAND 1994
32	1.00	0.150	0.29	0.83	83	839	45	13 632	-650.2	1 544.4	1991	1996-07
32	0.80	0.130	0.51	0.83	83	838	45	13 627	-629.6	1 601.1	1991	1994-05 ABAND 1993
32	3.00	0.140	0.35	0.82	83	839	45	14 757	-659.2	1 548.6	1991	1994-08 ABAND 1993
64	3.39	0.170	0.35	0.88	48	844	49	14 134	-692.9	1 712.5	1976	1996-07 GPP
16	1.90	0.110	0.45	0.80	84	854	55	12 095	-630.2	1 546.1	1980	1996-07 GPP
16	1.70	0.160	0.30	0.83	96	854	40	13 345	-590.9	1 525.7	1993	1996-07 GPP
16	2.50	0.150	0.31	0.82	83	838	45	13 320	-619.3	1 633.8	1994	1994-12 ABAND 1994
64	1.20	0.150	0.36	0.82	83	839	45	13 370	-594.1	1 489.6	1994	1995-08 GPP
32	7.60	0.190	0.38	0.89	46	843	45	13 200	-733.5	1 638.8	1973	1997-10
64	3.30	0.098	0.36	0.82	70	822	61	13 312	-985.3	1 927.0	1980	1983-12 ABAND 1982
16	2.80	0.087	0.35	0.72	97	825	61	13 483	-974.1	1 881.4	1983	1997-12
64	3.40	0.150	0.30	0.80	89	787	52			1 754.0	1997	1998-08
384	7.22	0.130	0.35	0.82	77	822	61	13 498	-968.4	1 987.7	1980	1997-12 GPP
128	1.62	0.130	0.13	0.64	199	822	83	20 351	-1 470.1	2 429.4	1986	1994-12 GPP
64	3.50	0.120	0.23	0.61	323	773	79	26 452	-1 666.3	2 881.2	1981	1997-06 ABAND 1997
64	4.20	0.170	0.26	0.64	181	828	83	19 619	-1 424.1	2 374.9	1994	1995-08
32	22.00	0.150	0.17	0.95	19	902	83	28 701	-1 523.5	2 408.1	1988	1996-08 GPP
64	44.50	0.100	0.17	0.64	172	825	96	33 085	-2 455.0	3 354.2	1964	1984-02 ABAND 1993
10	28.90	0.120	0.10	0.65	165	800	100	33 153	-2 465.8	3 402.0	1994	1998-12 GPP
3 136					552	792	105	35 560	-2 657.0	3 537.5	1958	1996-12 GPP
2 992	28.37	0.062	0.16	0.38								
144	42.11	0.062	0.16	0.38								
64	28.60	0.090	0.16	0.38	552	793	95	32 891	-2 685.4	3 545.0	1982	1993-12 GPP
100	39.90	0.080	0.12	0.31	555	788	105	36 073	-2 673.8	3 550.0	1985	1994-12 GPP
179	19.40	0.080	0.11	0.36	516	788	106	35 915	-2 742.5	3 579.8	1992	1996-08
16	18.00	0.060	0.12	0.43	470	780	105	35 789	-2 719.0	3 545.0	1993	1998-12 GPP
1 453	12.10	0.080	0.08	0.51	323	808	112	39 307	-2 918.3	3 805.2	1993	1996-12 GPP
673	7.95	0.070	0.11	0.51	351	806	112	39 205	-2 941.6	3 891.0	1994	1996-12 GPP

TABLE 2-6

FIELD POOL	1	3		5		6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
SIMONETTE NORTH 064-25W5 WABAMUN A	395.0	<0.02		4.3		4.3	4.3	*
FIELD TOTAL	395.0			4.3		4.3	4.3	
SINCLAIR 075-12W6								
DOE CREEK B	1 379.0	0.10		138.0		138.0	83.2	54.8
DOE CREEK C	32.3	<0.09		2.6		2.6	2.6	
DOE CREEK D	2 633.0	0.10		263.0		263.0	191.2	71.8
DOE CREEK H	527.0	0.05		26.4		26.4	9.5	16.9
DOE CREEK I & J	277.0	0.05		13.8		13.8	12.0	1.8
NIKANASSIN E	145.0	0.10		14.5		14.5	0.9	13.6
FIELD TOTAL	4 993.3			458.3		458.3	299.4	158.9
SKARO 057-19W4 COOKING LAKE	1 257.0	0.10		126.0		126.0	65.3	60.7
FIELD TOTAL	1 257.0			126.0		126.0	65.3	60.7
SLAVE 084-14W5								
SLAVE POINT H	5 080.0	0.37		1 880.0		1 880.0	1 455.7	424.3
SLAVE POINT L	1 360.0	0.14		190.0		190.0	177.0	13.0
SLAVE POINT N	156.0	<0.07		10.8		10.8	10.8	
SLAVE POINT O	339.0	<0.02		4.1		4.1	4.1	
SLAVE POINT P	31.3	<0.01		0.1		0.1	0.1	
SLAVE POINT Q	125.0	0.09		11.3		11.3	11.3	
SLAVE POINT R	103.0	<0.01		0.9		0.9	0.9	
SLAVE POINT S	3 915.0	0.37		1 449.0		1 449.0	1 263.5	185.5
SLAVE POINT T	410.0	0.08		32.8		32.8	26.5	6.3
SLAVE POINT U	141.0	<0.02		1.7		1.7	1.7	
SLAVE POINT V	172.0	<0.01		0.1		0.1	0.1	
SLAVE POINT X	92.5	<0.09		8.0		8.0	8.0	
SLAVE POINT Z	32.0	0.01		0.3		0.3	0.3	
SLAVE POINT BB	134.0	<0.02		2.0		2.0	2.0	
SLAVE POINT CC	278.0	<0.06		15.1		15.1	15.1	
SLAVE POINT AA & GRANITE WASH F	387.0	0.17		65.8		65.8	56.1	9.7
GRANITE WASH B	45.5	0.20		9.1		9.1	6.2	2.9
GRANITE WASH D	46.8	<0.14		6.3		6.3	6.3	
GRANITE WASH E	91.8	<0.05		4.1		4.1	4.1	
FIELD TOTAL	12 939.9			3 691.5		3 691.5	3 049.8	641.7
SNIPER LAKE 071-18W5								
BEAVERHILL LAKE	31 050.0			3 730.0	7 130.0	10 860.0	9 883.0	977.0
TOTAL								
PRIMARY AREA	52.0	0.19		9.9		9.9		
WATER FLOOD AREA	31 000.0	0.12	0.23	3 720.0	7 130.0	10 850.0		
BEAVERHILL LAKE B	138.0	0.25		34.5		34.5	32.3	2.2
GILWOOD A	91.2	<0.09		8.2		8.2	8.2	
FIELD TOTAL	31 279.2			3 772.7	7 130.0	10 902.7	9 923.5	979.2
SOUNDING 030-09W4								
UPPER MANNVILLE D	53.7	0.10		5.4		5.4	2.8	2.6
UPPER MANNVILLE E	103.0	0.05		5.2		5.2	1.8	3.4
FIELD TOTAL	156.7			10.6		10.6	4.6	6.0
SOUSA 113-04W6								
SULPHUR POINT A	79.7	<0.01		0.3		0.3	0.3	
KEG RIVER A	281.0	0.11		30.9		30.9	26.7	4.2
KEG RIVER B	140.0	<0.03		3.9		3.9	3.9	
KEG RIVER C	308.0	0.05		15.4		15.4	10.5	4.9
KEG RIVER D	1 390.0	0.10		139.0		139.0	116.1	22.9
KEG RIVER E	250.0	0.20		50.0		50.0	39.4	10.6
KEG RIVER F	891.0	0.20		178.0		178.0	112.2	65.8
KEG RIVER G	261.0	0.10		26.1		26.1	4.6	21.5
KEG RIVER H	496.0	0.13		64.5		64.5	53.1	11.4
KEG RIVER I	60.5	0.20		12.1		12.1	9.5	2.6
KEG RIVER J	313.0	0.20		62.6		62.6	6.0	56.6

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
65	10.67	0.120	0.27	0.65	160	835	93	30 615	-2 253.2	3 090.2	1974	1977-05 ABAND 1978
446	2.27	0.210	0.31	0.94	38	837	28	4 532	46.6	789.6	1984	1993-12
16	2.80	0.150	0.40	0.80	84	861	32	7 591	-270.4	1 086.0	1978	1996-07 GPP
512	3.89	0.178	0.21	0.94	70	822	35	7 629	-113.8	928.0	1986	1988-02 GPP
128	3.90	0.170	0.31	0.90	37	837	36	6 322	-147.3	954.0	1987	1998-01 GPP
128	2.12	0.170	0.36	0.94	19	831	38	6 720	-198.2	991.6	1987	1990-08 GPP
64	3.00	0.120	0.17	0.76	105	827	78			2 204.0	1997	1998-01
400	2.74	0.180	0.30	0.91	28	860	41	8 481	-487.1	1 120.8	1951	1997-10 GPP
832	10.08	0.085	0.19	0.88	32	827	50	17 417	-1 059.5	1 743.5	1982	1998-12 GPP
320	5.33	0.108	0.17	0.89	32	827	50	16 913	-1 042.0	1 670.7	1984	1994-12 GPP
32	8.70	0.085	0.29	0.93	12	825	56	16 364	-1 080.2	1 790.8	1985	1996-07 GPP
64	8.00	0.095	0.25	0.93	44	820	55	17 426	-1 078.0	1 799.6	1984	1987-12 ABAND 1989
64	1.31	0.060	0.33	0.93	12	825	56	16 753	-1 086.9	1 803.1	1985	1986-03 ABAND 1994
128	3.18	0.057	0.42	0.93	12	825	56	17 046	-1 074.2	1 791.9	1985	1993-03 ABAND 1992
64	6.05	0.060	0.48	0.85	12	830	56	16 145	-1 067.7	1 772.6	1985	1989-12 ABAND 1988
1 209	6.07	0.081	0.26	0.89	32	827	50	17 367	-1 042.3	1 702.1	1980	1998-12 GPP
128	8.63	0.057	0.26	0.88	39	847	54	15 950	-1 069.2	1 791.0	1985	1991-12 GPP
64	5.68	0.062	0.29	0.88	39	840	54	16 221	-1 074.9	1 797.5	1985	1986-05 ABAND 1989
64	5.00	0.090	0.32	0.88	36	823	50	16 372	-1 048.3	1 690.4	1986	1986-08
64	5.24	0.055	0.43	0.88	36	823	55	15 321	-1 041.7	1 743.8	1986	1996-07 GPP
16	3.80	0.080	0.26	0.89	32	820	50	15 231	-1 053.8	1 713.1	1987	1992-12 GPP
64	5.09	0.063	0.26	0.88	36	818	50	16 189	-1 079.5	1 795.4	1986	1992-03 ABAND 1991
100	5.39	0.069	0.16	0.89	32	825	50	16 643	-1 051.2	1 705.3	1987	1993-05 ABAND 1993
192	3.70	0.090	0.32	0.89	32	825	50	16 610	-1 042.6	1 714.6	1987	1998-12 GPP
64	2.00	0.070	0.41	0.86	40	825	68	17 662	-1 070.0	1 782.5	1985	1986-03 GPP
16	2.80	0.150	0.18	0.85	46	835	69	16 979	-1 059.6	1 753.7	1985	1994-11 ABAND 1993
64	1.80	0.120	0.19	0.82	62	835	69	17 039	-1 056.9	1 764.0	1985	1993-10 ABAND 1993
7 237					59	839	88	26 195	-1 837.4	2 628.5	1962	1994-11 GPP
64	2.00	0.067	0.27	0.83								
7 173	10.49	0.068	0.27	0.83								
64	3.41	0.100	0.24	0.83	53	829	66	26 397	-1 833.7	2 652.8	1985	1994-02 GPP
64	1.84	0.150	0.42	0.89	36	834	86	24 122	-1 844.9	2 653.9	1987	1996-07 GPP
16	2.10	0.250	0.29	0.90	39	873	33	6 750	-152.7	919.6	1971	1997-12 GPP
32	2.50	0.220	0.35	0.90	40	918	37	3 594	-243.2	1 009.8	1993	1994-07 GPP
16	17.83	0.046	0.25	0.81	74	876	72	14 177	-1 080.0	1 414.4	1968	1993-06 ABAND 1993
22	33.22	0.060	0.20	0.80	80	839	74	15 214	-1 192.0	1 529.0	1969	1997-12 GPP
11	55.84	0.037	0.30	0.88	30	839	70	14 919	-1 159.1	1 494.4	1967	1992-10
16	84.70	0.037	0.31	0.89	32	834	75	14 887	-1 150.0	1 484.1	1968	1990-11 GPP
74	66.63	0.045	0.28	0.87	39	844	80	15 269	-1 176.0	1 508.5	1969	1996-11 GPP
16	29.53	0.075	0.15	0.83	62	849	71	15 028	-1 162.5	1 495.3	1970	1985-12 GPP
47	49.82	0.054	0.19	0.87	39	844	80	15 525	-1 194.1	1 527.2	1970	1996-11 GPP
16	39.10	0.060	0.20	0.87	39	844	80	15 659	-1 210.7	1 543.5	1970	1998-07 GPP
32	62.70	0.040	0.29	0.87	39	844	80	15 219	-1 193.2	1 526.7	1970	1998-01 GPP
11	49.01	0.020	0.37	0.89	32	829	75	14 873	-1 155.4	1 488.5	1970	1995-12 GPP
32	40.20	0.040	0.30	0.87	57	849	80	15 388	-1 225.0	1 559.7	1970	1998-09

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
SOUSA 113-04W6 (CONTINUED)								
KEG RIVER K	108.0	0.25		27.0		27.0	8.7	18.3
KEG RIVER L	32.9	<0.01		0.1		0.1	0.1	
KEG RIVER M	124.0	<0.06		6.8		6.8	6.8	
KEG RIVER N	160.0	0.25		40.0		40.0	24.5	15.5
KEG RIVER O	70.0	0.04		2.8		2.8	2.8	
KEG RIVER P	276.0	0.05		13.8		13.8	8.6	5.2
KEG RIVER Q	136.0	0.35		47.6		47.6	26.0	21.6
KEG RIVER R	179.0	0.05		9.0		9.0	8.3	0.7
KEG RIVER S	30.3	<0.05		1.4		1.4	1.4	
KEG RIVER T	180.0	0.16		28.8		28.8	23.8	5.0
KEG RIVER U	74.0	<0.01		0.4		0.4	0.4	
KEG RIVER W	1 199.0	0.20		240.0		240.0	70.0	170.0
KEG RIVER X	360.0	0.10		36.0		36.0	14.8	21.2
KEG RIVER Y	139.0	0.20		27.8		27.8	4.2	23.6
KEG RIVER Z	122.0	0.30		36.6		36.6	4.4	32.2
KEG RIVER AA	40.7	<0.03		1.0		1.0	1.0	
KEG RIVER BB	113.0	0.30		33.9		33.9	8.2	25.7
KEG RIVER CC	81.3	<0.01		0.1		0.1	0.1	
KEG RIVER DD	179.0	0.30		53.7		53.7	10.7	43.0
FIELD TOTAL	8 074.4			1 189.6		1 189.6	607.1	582.5
SPIRIT RIVER 078-07W6								
DOE CREEK F	2 333.0	0.02		46.7		46.7	10.5	36.2
GETHING A	69.4	<0.01		0.1		0.1	0.1	
GETHING D	125.0	<0.01		1.0		1.0	1.0	
BALDONNEL A	171.0	<0.01		0.5		0.5	0.5	
CHARLIE LAKE D	240.0	0.08		19.2		19.2	12.8	6.4
CHARLIE LAKE F	54.8	<0.01		0.3		0.3	0.3	
CHARLIE LAKE J	61.8	<0.25		14.9		14.9	14.9	
CHARLIE LAKE L	119.0	0.10		11.9		11.9	2.9	9.0
CHARLIE LAKE G,H & I	135.0	<0.05		6.7		6.7	6.7	
CHARLIE LAKE E & M	1 980.0	0.15		297.0		297.0	193.6	103.4
CHARLIE LAKE K & HALFWAY F TOTAL	7 186.0			1 184.0	1 252.0	2 436.0	2 354.0	82.0
PRIMARY AREA	227.0	<0.01		1.0		1.0		
WATER FLOOD AREA	6 959.0	0.17	0.18	1 183.0	1 252.0	2 435.0		
FIELD TOTAL	12 475.0			1 582.3	1 252.0	2 834.3	2 597.3	237.0
SPRING COULEE 003-23W4								
SECOND WHITE	125.0	0.02		2.5		2.5	1.3	1.2
SPECKS A								
RUNDLE	413.0	<0.04		15.8		15.8	15.8	
FIELD TOTAL	538.0			18.3		18.3	17.1	1.2
SPRUCE GROVE 052-27W4								
ELLERSLIE B	34.3	<0.01		0.2		0.2	0.2	
FIELD TOTAL	34.3			0.2		0.2	0.2	
ST ALBERT-BIG LAKE 053-26W4								
BASAL QUARTZ I	62.3	0.11		6.9		6.9	6.9	
D-1 A	254.0	<0.11		41.3		41.3	41.3	
D-1 D	1 800.0	0.12		216.0		216.0	179.3	36.7
D-1 E	299.0	<0.02		3.2		3.2	3.2	
D-2 A	500.0	<0.59		293.1		293.1	293.1	
D-2 B	83.8	0.06		5.0		5.0	4.4	0.6
D-3 A	3 700.0	0.61		2 257.0		2 257.0	2 245.1	11.9
D-3 B	1 516.0	0.60		910.0		910.0	900.5	9.5
FIELD TOTAL	8 215.1			3 732.5		3 732.5	3 673.8	58.7
STANDOFF 007-25W4								
RUNDLE A	223.0	<0.05		10.0		10.0	9.5	0.5
FIELD TOTAL	223.0			10.0		10.0	9.5	0.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	30.30	0.010	0.36	0.87	39	848	80	14 371	-1 165.4	1 500.1	1985	1986-05 GPP
16	55.00	0.010	0.57	0.87	39	875	80	15 809	-1 182.0	1 515.5	1986	1993-06 ABAND 1993
37	16.70	0.032	0.28	0.87	39	843	80	14 936	-1 187.6	1 520.0	1986	1996-07 ABAND 1996
25	51.40	0.022	0.35	0.87	39	843	80	15 375	-1 187.8	1 520.5	1986	1998-12 GPP
33	25.30	0.016	0.32	0.77	95	843	80	14 839	-1 169.1	1 502.0	1986	1988-05 ABAND 1990
16	63.30	0.040	0.22	0.87	39	843	80	15 424	-1 206.9	1 540.3	1987	1997-12 GPP
32	61.50	0.013	0.39	0.87	39	854	80	15 465	-1 201.1	1 535.3	1985	1997-12 GPP
64	34.00	0.017	0.45	0.88	32	860	68	14 749	-1 159.7	1 490.5	1986	1990-12 GPP
16	63.30	0.010	0.66	0.88	32	834	75	15 213	-1 177.6	1 513.2	1986	1996-07 ABAND 1993
22	59.00	0.020	0.21	0.88	32	835	75	15 220	-1 178.5	1 514.5	1990	1996-08 GPP
16	21.60	0.030	0.18	0.87	39	843	80	15 215	-1 183.9	1 520.0	1991	1996-07 ABAND 1995
314	15.60	0.040	0.28	0.85	36	859	77	14 320	-1 125.6	1 460.9	1994	1997-09 GPP
16	64.00	0.050	0.20	0.88	32	835	75	14 663	-1 182.0	1 520.5	1995	1998-12 GPP
32	25.50	0.030	0.30	0.81	84	865	56	14 475	-1 138.8	1 481.0	1996	1998-10 GPP
25	26.50	0.030	0.30	0.88	32	835	75	14 386	-1 138.3	1 478.8	1996	1996-12 GPP
10	22.00	0.030	0.30	0.88	32	835	75	12 134	-1 121.2	1 461.0	1996	1998-12 GPP
20	30.50	0.030	0.30	0.88	32	835	75	14 369	-1 125.0	1 468.8	1996	1996-12 GPP
16	27.50	0.030	0.30	0.88	32	832	75	13 780	-1 135.1	1 477.8	1996	1998-12 GPP
27	33.50	0.030	0.25	0.88	32	832	75	14 535	-1 148.7	1 483.3	1997	1998-05 GPP
792	2.04	0.230	0.31	0.91	38	850	25	1 547	407.1	305.8	1987	1998-08 GPP
64	1.70	0.150	0.50	0.85	66	809	20	11 147	-581.2	1 388.7	1981	1983-04 ABAND 1985
32	4.20	0.170	0.27	0.75	86	846	63	11 431	-679.7	1 624.9	1982	1993-09 GPP
64	4.42	0.130	0.38	0.75	100	810	52	12 374	-737.3	1 456.9	1984	1985-07 ABAND 1985
64	3.00	0.200	0.20	0.78	88	839	69	14 270	-822.7	1 661.7	1980	1998-12 GPP
64	2.00	0.090	0.42	0.82	60	830	70	13 595	-845.8	1 627.0	1983	1988-12 ABAND 1989
100	0.67	0.146	0.23	0.82	64	834	66	12 573	-750.6	1 473.9	1983	1996-07 GPP
64	3.50	0.090	0.21	0.75	107	837	62	13 617	-806.1	1 596.6	1988	1988-08 GPP
128	2.06	0.100	0.39	0.84	67	826	62	13 035	-831.3	1 592.2	1980	1996-07 GPP
1 344	1.67	0.135	0.14	0.76	67	830	62	13 843	-808.4	1 568.2	1980	1989-10 GPP
1 557					100	837	59	13 332	-758.1	1 435.3	1983	1994-12 GPP
86	2.55	0.160	0.19	0.80								
1 471	4.62	0.160	0.20	0.80								
32	4.70	0.130	0.20	0.80	80	829	38	14 542	-200.0	1 293.1	1990	1998-12 GPP
331	2.83	0.070	0.25	0.84	46	855	56	17 248	-565.0	1 831.9	1950	1996-07 GPP
16	3.50	0.150	0.39	0.67	160	879	41	10 552	-665.1	1 386.3	1994	1996-07 GPP
32	1.52	0.200	0.20	0.80	62	850	47	9 474	-483.7	1 160.7	1952	1975-12 ABAND 1971
110	5.85	0.058	0.20	0.85	70	849	53	9 406	-604.6	1 260.3	1957	1998-12 GPP
150	29.41	0.080	0.40	0.85	70	851	54	9 293	-553.0	1 220.2	1953	1991-12 GPP
64	14.40	0.080	0.50	0.81	53	861	50	9 305	-555.3	1 226.4	1984	1998-12 GPP
130	16.50	0.034	0.22	0.88	71	844	55	10 716	-679.2	1 335.0	1956	1998-12 GPP
64	2.69	0.070	0.21	0.88	70	839	55	10 486	-654.7	1 320.3	1952	1993-11 GPP
101	43.21	0.110	0.06	0.82	62	849	58	11 242	-802.9	1 458.5	1956	1996-08 GPP
106	19.80	0.098	0.09	0.81	73	855	58	11 176	-763.8	1 429.4	1952	1992-09 GPP
64	14.50	0.050	0.40	0.80	84	802	52	22 179	-1 310.9	2 338.8	1980	1996-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
STANMORE 029-11W4								
VIKING A,B,UMNV Z & LOWER MANNVILLE L	148.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE B	1 785.0	0.05		89.3		89.3	37.9	51.4
UPPER MANNVILLE G	90.4	<0.07		6.3		6.3	6.3	
UPPER MANNVILLE P	1 730.0	0.03		51.9		51.9	44.2	7.7
UPPER MANNVILLE W	36.5	<0.02		0.5		0.5	0.5	
UPPER MANNVILLE Y	168.0	<0.02		3.3		3.3	3.3	
UPPER MANNVILLE AA	398.0	0.06		23.9		23.9	21.9	2.0
UPPER MANNVILLE DD	396.0	<0.02		5.3		5.3	5.3	
UPPER MANNVILLE EE	14.9	0.07		1.0		1.0	1.0	
UPPER MANNVILLE SS	147.0	0.10		14.7		14.7	5.9	8.8
UPPER MANNVILLE BBB	255.0	0.10		25.5		25.5	4.3	21.2
UPPER MANNVILLE DDD	73.5	0.10		7.4		7.4	2.2	5.2
LOWER MANNVILLE F	97.0	0.14		13.6		13.6	11.7	1.9
LOWER MANNVILLE H	114.0	<0.07		7.2		7.2	7.2	
LOWER MANNVILLE O	752.0	0.15		113.0		113.0	110.2	2.8
LOWER MANNVILLE T	171.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE X	62.2	0.17		10.6		10.6	10.1	0.5
LOWER MANNVILLE Y	130.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE CC	257.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE GG	95.9	0.05		4.8		4.8	0.4	4.4
LOWER MANNVILLE II	141.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE JJ	104.0	0.10		10.4		10.4	3.3	7.1
LOWER MANNVILLE A&B	193.0	<0.06		11.3		11.3	11.3	
FIELD TOTAL *	7 359.4			404.5		404.5	291.5	113.0
STETTLER 038-20W4								
UPPER MANNVILLE C	46.4	<0.02		0.9		0.9	0.9	
UPPER MANNVILLE E	546.0	0.03		16.4		16.4	8.8	7.6
LOWER MANNVILLE A	278.0	<0.01		1.0		1.0	1.0	
D-2 A TOTAL	9 430.0			2 830.0	1 475.0	4 305.0	4 223.8	81.2
PRIMARY AREA	210.0	0.30		63.0		63.0		
WATER FLOOD AREA	9 220.0	<0.31	0.16	2 767.0	1 475.0	4 242.0		
D-2 B	95.0	<0.04		3.3		3.3	3.3	
D-2 C	310.0	<0.01		0.1		0.1	0.1	
D-3 A	6 150.0	0.60		3 690.0		3 690.0	3 549.0	141.0
D-3 B	448.0	0.65		291.0		291.0	279.4	11.6
D-3 D	106.0	0.15		15.9		15.9	10.3	5.6
D-3 E	43.0	<0.05		1.9		1.9	1.9	
D-3 F	51.7	<0.04		1.7		1.7	1.7	
D-3 G	20.8	<0.28		5.7		5.7	5.7	
FIELD TOTAL	17 524.9			6 857.9	1 475.0	8 332.9	8 085.9	247.0
STETTLER NORTH 039-20W4								
UPPER MANNVILLE A	618.0	0.08		49.4		49.4	45.1	4.3
FIELD TOTAL	618.0			49.4		49.4	45.1	4.3
STEWART 032-28W4								
BELLY RIVER A	61.5	<0.01		0.2		0.2	0.2	
BELLY RIVER B	70.5	<0.01		0.2		0.2	0.2	
FIELD TOTAL	132.0			0.4		0.4	0.4	
STRACHAN 037-08W5								
SECOND WHITE SPECKS A	6.9	<0.03		0.2		0.2	0.2	
VIKING B	24.5	<0.01		0.2		0.2	0.2	
VIKING C	225.0	0.20		45.0		45.0	32.2	12.8
VIKING F	56.9	0.05		2.8		2.8	1.1	1.7
FIELD TOTAL	313.3			48.2		48.2	33.7	14.5
STRATHMORE 022-25W4								
UPPER MANNVILLE A	227.0	0.06		13.6		13.6	12.6	1.0
LOWER MANNVILLE A	161.0	0.10		16.1		16.1	7.6	8.5
LOWER MANNVILLE B	2 712.0			271.0	790.0	1 061.0	592.2	468.8
TOTAL PRIMARY AREA	79.4	0.10		7.9		7.9		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.00	0.180	0.30	0.92	36	876	39	6 481	-286.8	1 066.0	1978	1982-12 ABAND 1981
602	1.92	0.260	0.34	0.90	42	876	38	8 942	-254.9	1 037.0	1970	1998-02 GPP
16	4.60	0.210	0.35	0.90	43	876	32	9 367	-292.9	1 062.2	1976	1996-07 ABAND 1998
480	3.51	0.200	0.43	0.90	56	865	37	9 508	-286.6	1 049.4	1979	1996-08 GPP
32	2.00	0.120	0.50	0.95	20	910	30	9 514	-291.7	1 047.2	1978	1984-11 ABAND 1989
128	1.79	0.160	0.46	0.85	46	890	36	7 459	-277.0	1 086.2	1985	1996-07 ABAND 1998
128	1.90	0.240	0.26	0.92	28	939	35	8 411	-272.5	1 034.5	1972	1989-12 GPP
128	4.50	0.190	0.58	0.86	55	875	32	8 083	-284.6	1 077.2	1987	1996-07 ABAND 1996
16	1.23	0.140	0.40	0.90	47	876	27	8 585	-268.6	1 046.1	1972	1998-12 GPP
64	1.70	0.250	0.40	0.90	60	890	32	5 615	-256.2	1 040.2	1991	1997-12 GPP
128	1.40	0.240	0.34	0.90	43	883	38	8 509	-269.6	1 042.7	1996	1997-09
32	1.50	0.260	0.38	0.95	22	883	36		-252.5	1 033.3	1997	1997-11 GPP
64	1.83	0.120	0.25	0.92	34	892	38	9 400	-282.6	1 038.8	1976	1997-12 GPP
64	1.23	0.240	0.30	0.86	51	887	37	9 402	-290.8	1 045.5	1977	1996-07 GPP
410	1.40	0.230	0.36	0.89	45	863	38	9 621	-293.3	1 083.3	1980	1996-12 GPP
64	2.30	0.210	0.40	0.92	126	858	50	9 699	-301.9	1 087.8	1979	1983-12 ABAND 1989
64	1.00	0.180	0.40	0.90	18	863	37	6 344	-291.3	1 072.5	1984	1998-12 GPP
64	1.17	0.260	0.25	0.89	62	889	37	8 517	-263.1	1 028.1	1976	1988-12 GPP
64	4.70	0.190	0.49	0.88	45	848	38	6 511	-287.2	1 074.6	1987	1992-10 ABAND 1994
32	1.70	0.250	0.25	0.94	18	939	37	8 456	-277.1	1 036.1	1972	1996-08 GPP
16	7.70	0.230	0.44	0.89	45	863	38	9 400	-290.2	1 041.7	1995	1996-05 ABAND 1995
64	1.20	0.230	0.35	0.91	42	882	38	7 726	-292.8	1 065.9	1996	1997-02 GPP
64	2.70	0.200	0.35	0.86	37	870	49	9 556	-293.4	1 075.5	1970	1996-07 GPP
16	3.17	0.160	0.35	0.88	58	872	35	9 157	-477.0	1 296.4	1987	1996-07
245	2.50	0.170	0.39	0.86	51	855	48	10 018	-473.3	1 301.5	1994	1998-12 GPP
16	17.60	0.160	0.30	0.88	46	870	47	7 628	-503.4	1 322.1	1974	1992-12 ABAND 1994
2 239					63	876	62	12 843	-755.1	1 583.7	1949	1997-12
112	5.94	0.050	0.22	0.81								
2 127	13.72	0.050	0.22	0.81								GPP
64	2.60	0.080	0.12	0.81	62	887	38	11 912	-753.5	1 582.9	1978	1986-12 ABAND 1984
64	12.00	0.060	0.20	0.84	62	887	55	11 843	-761.2	1 592.0	1979	1982-12
1 861	7.96	0.061	0.17	0.82	67	887	63	12 956	-799.8	1 626.5	1949	1975-08 GPP
140	5.67	0.080	0.15	0.83	62	876	65	12 957	-820.9	1 650.3	1952	1995-12 GPP
64	5.30	0.060	0.37	0.83	62	876	58	12 186	-817.6	1 642.7	1984	1997-05 GPP
16	3.15	0.124	0.18	0.84	62	873	65	12 032	-818.5	1 645.5	1984	1996-07 GPP
16	4.00	0.130	0.26	0.84	62	902	65	11 864	-800.5	1 631.0	1985	1996-07 GPP
11	3.90	0.075	0.21	0.82	68	887	66	12 246	-806.6	1 629.0	1983	1996-07 GPP
285	1.85	0.200	0.31	0.85	44	887	33	9 348	-470.6	1 291.8	1949	1982-10 GPP
16	5.40	0.170	0.55	0.93	17	840	44	4 136	-207.7	1 167.9	1990	1994-02 ABAND 1993
16	7.50	0.150	0.55	0.87	55	850	35	4 076	-199.9	1 145.8	1992	1996-07
16	6.00	0.020	0.10	0.40	399	791	82	30 782	-1 434.5	2 507.5	1990	1996-07
64	1.20	0.070	0.35	0.70	158	819	88	22 672	-1 575.1	2 658.0	1990	1993-08 ABAND 1993
290	1.85	0.090	0.38	0.75	144	819	85	28 036	-1 634.5	2 720.5	1972	1997-11 GPP
64	3.00	0.080	0.43	0.65	207	816	92	26 764	-1 718.8	2 884.5	1984	1997-01
64	3.70	0.150	0.20	0.80	177	800	52	13 745	-751.1	1 703.3	1963	1989-12 GPP
64	3.40	0.120	0.25	0.82	76	865	49	12 010	-788.6	1 782.6	1976	1979-09 GPP
863					118	855	53	15 723	-833.1	1 808.2	1985	1998-12
48	3.40	0.140	0.56	0.79								

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
STRATHMORE 022-25W4 (CONTINUED)								
WATER FLOOD AREA	2 633.0	0.10	0.30	263.0	790.0	1 053.0		
LOWER MANNVILLE C	53.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE D	166.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE F	116.0	0.10		11.6		11.6	3.3	8.3
LOWER MANNVILLE G	72.0	0.10		7.2		7.2	2.4	4.8
LOWER MANNVILLE H	46.2	0.10		4.6		4.6	2.5	2.1
FIELD TOTAL	3 553.7			324.9	790.0	1 114.9	621.4	493.5
STURGEON LAKE 071-23W5								
D-3	13 230.0	0.37		4 895.0		4 895.0	4 340.7	554.3
D-3 B	74.2	<0.11		7.9		7.9	7.9	
D-3 C	228.0	0.20		45.6		45.6	7.4	38.2
FIELD TOTAL	13 532.2			4 948.5		4 948.5	4 356.0	592.5
STURGEON LAKE SOUTH 069-22W5								
TRIASSIC A	4 770.0	0.13		620.0		620.0	593.4	26.6
TRIASSIC B	1 200.0	0.27		324.0		324.0	311.5	12.5
TRIASSIC C	26.6	<0.01		0.2		0.2	0.2	
TRIASSIC E	18.1	<0.01		0.1		0.1	0.1	
TRIASSIC F	5 692.0	0.15		854.0		854.0	203.4	650.6
BELLOY A	31.3	<0.02		0.4		0.4	0.4	
BLUERIDGE A	728.0	0.35		255.0		255.0	199.8	55.2
D-2 B	206.0	0.10		20.6		20.6	7.9	12.7
D-2 C	218.0	0.10		21.8		21.8	3.8	18.0
D-3	49 000.0	<0.57		27 800.0		27 800.0	25 800.0	2 000.0
D-3 B	1 210.0	0.13		157.0		157.0	133.4	23.6
D-3 C	1 000.0	0.65		650.0		650.0	585.5	64.5
D-3 D	164.0	0.27		44.3		44.3	39.1	5.2
D-3 E	177.0	<0.01		1.5		1.5	1.5	
D-3 F	62.3	<0.02		1.1		1.1	1.1	
BEAVERHILL LAKE A	208.0	0.38		79.0		79.0	52.7	26.3
FIELD TOTAL	64 711.3			30 829.0		30 829.0	27 933.8	2 895.2
SULLIVAN LAKE 034-14W4								
BASAL QUARTZ A	156.0	<0.01		0.4		0.4	0.4	
BASAL QUARTZ C	149.0	<0.02		2.1		2.1	2.1	
BANFF A	195.0	0.04		7.8		7.8	4.1	3.7
BANFF B	754.0	0.03		22.6		22.6	15.4	7.2
BANFF C	332.0	0.07		23.2		23.2	15.1	8.1
*FIELD TOTAL	1 586.0			56.1		56.1	37.1	19.0
SUNDANCE 054-21W5								
BELLY RIVER B	102.0	0.10		10.2		10.2	1.2	9.0
FIELD TOTAL	102.0			10.2		10.2	1.2	9.0
SUNNYNOOK 026-10W4								
UPPER MANNVILLE G	122.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE L	58.4	0.15		8.8		8.8	1.8	7.0
BANFF C	94.6	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	275.0			9.0		9.0	2.0	7.0
SUNSET 069-20W5								
TRIASSIC A	4 130.0	0.15	0.02	620.0	82.6	703.0	664.6	38.4
WATER FLOOD								
TRIASSIC B	288.0	0.15		43.2		43.2	28.4	14.8
BEAVERHILL LAKE A	245.0	<0.01		1.1		1.1	1.1	
BEAVERHILL LAKE B	251.0	<0.04		9.6		9.6	9.6	
FIELD TOTAL	4 914.0			673.9	82.6	756.9	703.7	53.2
SWALWELL 029-24W4								
PEKISKO A	1 620.0	0.05		81.0		81.0	79.1	1.9

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
815	3.60	0.160	0.29	0.79								
32	2.00	0.150	0.36	0.87	42	845	53	15 617	-819.0	1 808.8	1981	1995-02 GPP
64	2.70	0.170	0.32	0.83	83	838	45	15 853	-865.6	1 887.7	1988	1992-10 ABAND 1994
64	2.00	0.150	0.27	0.83	66	855	49	15 839	-823.6	1 840.1	1994	1994-10 GPP
64	1.10	0.140	0.12	0.83	67	855	50	15 962	-839.8	1 866.6	1993	1994-11 GPP
32	1.90	0.150	0.35	0.78	102	845	61	15 690	-820.3	1 796.0	1990	1998-12 GPP
1 455	20.10	0.080	0.13	0.65	188	839	88	27 028	-1 918.5	2 694.4	1952	1994-12 GPP
16	12.90	0.070	0.21	0.65	178	835	88	24 916	-2 113.5	2 861.0	1988	1996-07 GPP
32	11.50	0.100	0.15	0.73	133	837	77			2 626.0	1997	1998-07
1 578	4.08	0.150	0.35	0.76	102	844	52	13 696	-848.0	1 499.9	1955	1994-12 GPP
565	2.83	0.139	0.29	0.76	101	839	54	14 942	-903.6	1 554.0	1957	1994-05 GPP
32	2.00	0.090	0.40	0.77	104	838	54	13 178	-894.6	1 553.8	1983	1985-04 ABAND 1985
16	2.80	0.150	0.65	0.77	104	839	54	14 826	-889.5	1 565.9	1959	1996-07 ABAND 1997
2 126	3.40	0.150	0.30	0.75	110	829	61	14 329	-1 015.8	1 763.7	1995	1996-03 GPP
32	1.20	0.150	0.36	0.85	58	880	42	14 680	-952.8	1 645.3	1956	1996-05 ABAND 1996
300	6.43	0.073	0.24	0.68	145	834	82	24 320	-1 684.2	2 339.3	1957	1997-12 GPP
32	7.70	0.140	0.17	0.72	138	850	70	21 587	-1 851.9	2 556.9	1967	1996-07 GPP
64	3.60	0.140	0.06	0.72	138	850	70		-1 859.2	2 571.2	1965	1997-05
6 700	25.00	0.050	0.10	0.65	183	834	88	27 250	-1 921.3	2 572.0	1953	1987-08 GPP
446	8.87	0.050	0.15	0.72	133	839	91	26 041	-1 948.5	2 660.2	1964	1998-12 GPP
110	14.73	0.102	0.11	0.68	160	841	88	22 965	-2 006.0	2 668.4	1983	1995-12 GPP
46	6.48	0.090	0.10	0.68	160	850	89	23 152	-1 998.3	2 658.4	1984	1998-12 GPP
32	14.37	0.070	0.14	0.64	183	844	87	22 673	-1 942.8	2 675.3	1987	1994-11 ABAND 1993
32	2.89	0.110	0.10	0.68	145	832	95	22 506	-2 073.7	2 753.3	1989	1992-10 ABAND 1995
64	4.50	0.120	0.09	0.66	143	828	90	21 722	-2 062.0	2 755.8	1993	1997-12
64	1.80	0.220	0.30	0.88	51	877	30	8 572	-280.9	1 095.3	1980	1980-10
4	23.00	0.270	0.25	0.80	120	878	43	7 854	-323.3	1 162.3	1981	1992-11 ABAND 1994
64	3.20	0.130	0.16	0.87	51	878	43	9 176	-337.9	1 173.4	1982	1996-08 GPP
128	10.19	0.100	0.32	0.85	62	872	36	9 094	-327.4	1 176.4	1987	1998-12 GPP
64	6.30	0.180	0.39	0.75	88	861	40	9 193	-308.0	1 128.7	1988	1995-12 GPP
16	10.00	0.110	0.26	0.78	80	806	52		-726.7	1 860.5	1980	1998-12
32	4.50	0.170	0.44	0.89	45	847	38	10 355	-224.9	986.7	1990	1996-03 ABAND 1995
64	1.00	0.190	0.46	0.89	45	875	38	9 877	-224.3	1 029.5	1988	1994-12 GPP
64	4.00	0.060	0.30	0.88	50	878	43	10 038	-264.4	1 022.0	1988	1988-10 ABAND 1988
1 391	5.46	0.130	0.49	0.82	97	865	60	12 880	-727.1	1 438.0	1960	1991-05 GPP
96	5.33	0.140	0.51	0.82	76	865	43	14 469	-703.8	1 390.5	1975	1985-05 GPP
128	6.74	0.056	0.35	0.78	70	877	86	24 688	-1 952.5	2 693.5	1982	1985-12 ABAND 1992
64	8.63	0.075	0.27	0.83	41	860	40	26 005	-1 927.1	2 742.4	1973	1992-09 ABAND 1987
576	10.40	0.044	0.25	0.82	74	849	53	11 774	-783.4	1 652.3	1963	1981-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
SWALWELL 029-24W4 (CONTINUED)								
PEKISKO B	166.0	0.02		3.3		3.3	2.2	1.1
PEKISKO D	408.0	<0.07		27.8		27.8	27.8	
PEKISKO E	38.0	<0.04		1.3		1.3	1.3	
PEKISKO F	2 419.0	<0.04		75.3		75.3	75.3	
PEKISKO H	302.0	<0.03		6.6		6.6	6.6	
PEKISKO I	186.0	<0.01		1.6		1.6	1.6	
D-1 A	1 885.0	0.20		377.0		377.0	34.1	342.9
D-2 A	1 120.0	0.20		224.0		224.0	219.3	4.7
D-2 C	587.0	0.52		305.0		305.0	282.3	22.7
D-2 D	1 060.0	0.35		371.0		371.0	327.9	43.1
D-2 F	236.0	0.20		47.2		47.2	8.1	39.1
D-2 G	66.7	0.20		13.3		13.3	3.4	9.9
FIELD TOTAL	10 093.7			1 534.4		1 534.4	1 069.0	465.4
SWAN HILLS 068-10W5								
GETHING A	100.0	<0.05		4.4		4.4	4.4	
BEAVERHILL LAKE C	102 000.0			13 430.0	17 770.0	31 200.0	23 562.5	7 637.5
TOTAL								
PRIMARY AREA	5 996.0	0.20		1 199.0		1 199.0		
WATER FLOOD AREA	95 960.0	<0.13	0.19	12 230.0	17 770.0	30 000.0		
BEAVERHILL LAKE D	216.0	<0.01		0.2		0.2	0.2	
BEAVERHILL LAKE E	25.3	0.15		3.8		3.8	1.5	2.3
BEAVERHILL LAKE G	113.0	<0.01		0.3		0.3	0.3	
BEAVERHILL LAKE A&B	290 600.0			45 300.0	65 260.0	110 600.0	104 175.0	6 425.0
TOTAL								
PRIMARY AREA	5 516.0	<0.13		704.0		704.0		
SOLVENT FLOOD AREA	144 500.0	<0.17	0.30	24 150.0	44 240.0	68 390.0		
WATER FLOOD AREA	140 600.0	<0.15	0.15	20 450.0	21 020.0	41 470.0		
FIELD TOTAL	393 054.3			58 738.7	83 030.0	141 808.7	127 743.9	14 064.8
SWAN HILLS SOUTH 065-10W5								
BEAVERHILL LAKE C	57.7	0.38		21.9		21.9	16.3	5.6
BEAVERHILL LAKE D	220.0	0.20		44.0		44.0	34.5	9.5
BEAVERHILL LAKE E	37.6	0.10		3.8		3.8	1.4	2.4
BEAVERHILL LAKE A&B	134 800.0			23 170.0	38 900.0	62 070.0	59 890.3	2 179.7
TOTAL								
PRIMARY AREA	2 310.0	0.14		324.0		324.0		
SOLVENT FLOOD AREA	124 800.0	0.18	0.30	22 460.0	38 310.0	60 770.0		
WATER FLOOD AREA	7 646.0	<0.06	0.07	384.0	589.0	973.0		
FIELD TOTAL	135 115.3			23 239.7	38 900.0	62 139.7	59 942.5	2 197.2
SYLVAN LAKE 037-03W5								
CARDIUM A	550.0	0.15		82.5		82.5	76.9	5.6
CARDIUM B	210.0	0.10		21.0		21.0	16.4	4.6
CARDIUM C	166.0	0.03		5.0		5.0	4.5	0.5
CARDIUM E, 2WS B & OSTRACOD L	865.0	0.04		34.6		34.6	24.9	9.7
SECOND WHITE	121.0	0.10		12.1		12.1	6.9	5.2
SPECKS A								
SECOND WHITE	685.0	0.06		41.1		41.1	33.5	7.6
SPECKS C								
SECOND WHITE	70.0	<0.01		0.5		0.5	0.5	
SPECKS D								
SECOND WHITE	265.0	0.05		13.3		13.3	0.5	12.8
SPECKS E								
VIKING E	361.0	<0.10		34.6		34.6	34.6	
VIKING G	64.5	<0.09		5.6		5.6	5.6	
VIKING H	73.9	<0.05		3.5		3.5	3.5	
VIKING J	77.8	<0.02		0.9		0.9	0.9	
VIKING K	120.0	0.20		24.0		24.0	18.9	5.1
VIKING L	80.2	<0.02		1.6		1.6	1.6	
VIKING M	312.0	0.05		15.6		15.6	8.2	7.4
VIKING O	25.1	<0.12		2.9		2.9	2.9	
VIKING T	36.2	<0.02		0.6		0.6	0.6	
VIKING U	55.9	0.05		2.8		2.8	2.8	
VIKING V	86.0	<0.09		7.1		7.1	7.1	
VIKING W	292.0	0.05		14.6		14.6	14.4	0.2

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	14.02	0.050	0.55	0.82	74	839	54	12 155	-822.1	1 700.5	1975	199*-07 GPP
128	10.80	0.060	0.40	0.82	71	839	64	11 052	-789.8	1 664.7	1977	1998-12 GPP
65	1.83	0.060	0.35	0.82	78	855	43	11 249	-752.7	1 652.8	1977	1996-07 GPP
744	8.21	0.070	0.31	0.82	64	871	52	11 056	-775.6	1 667.6	1979	1998-12 GPP
64	18.84	0.050	0.39	0.82	67	869	51	11 129	-770.5	1 626.5	1979	1996-07 GPP
32	8.80	0.133	0.40	0.83	85	874	61	11 307	-751.2	1 630.0	1980	1991-10 ABAND 1990
722	6.65	0.070	0.15	0.66	170	828	85	22 771	-1 223.1	2 161.5	1996	1998-07
594	4.25	0.080	0.28	0.77	96	839	69	16 658	-1 127.5	1 969.4	1969	1987-12 GPP
240	3.85	0.110	0.22	0.74	122	837	62	16 368	-1 126.8	1 984.7	1987	1997-12 GPP
240	7.77	0.090	0.18	0.77	122	837	61	36 229	-1 123.8	1 951.0	1987	1998-12 GPP
73	4.90	0.100	0.12	0.75	113	827	76	16 348	-1 193.8	2 073.4	1997	1998-05
32	3.00	0.110	0.18	0.77	96	862	69			2 009.5	1996	1998-03
16	3.30	0.250	0.20	0.95	16	917	35	7 263	-185.3	942.4	1984	1997-12 GPP
27 822					77	815	91	21 412	-1 342.5	2 352.1	1958	1994-12
4 064	3.39	0.062	0.10	0.78								GPP
23 758	9.28	0.062	0.10	0.78								ABAND 1984
128	9.00	0.030	0.20	0.78	86	818	53	21 819	-1 325.7	2 487.8	1982	1984-12
16	3.68	0.064	0.14	0.78	77	818	85	20 239	-1 430.1	2 336.3	1987	1997-12 GPP
64	8.79	0.056	0.50	0.72	97	814	103	21 146	-1 531.9	2 651.8	1988	1992-06 ABAND 1991
40 802					100	820	104	22 698	-1 474.2	2 607.7	1957	1997-07
2 409	6.08	0.067	0.23	0.73								GPP
7 957	37.00	0.082	0.18	0.73								GPP
30 436	11.13	0.079	0.28	0.73								
64	3.30	0.060	0.35	0.70	108	820	109	23 194	-1 529.7	2 427.3	1984	1997-12 GPP
64	8.50	0.067	0.15	0.71	108	820	109	22 843	-1 555.1	2 522.8	1965	1997-12 GPP
16	9.14	0.047	0.25	0.73	102	840	91	22 388	-1 419.0	2 328.2	1985	1997-07 GPP
14 928					113	820	107	23 124	-1 526.0	2 475.3	1959	1994-12
713	9.16	0.063	0.22	0.72								GPP
11 222	22.20	0.084	0.16	0.71								GPP
2 993	6.92	0.065	0.20	0.71								
411	1.54	0.138	0.25	0.84	71	860	54	14 167	-788.2	1 769.4	1962	1994-12 GPP
192	1.51	0.120	0.28	0.84	71	847	54	14 305	-806.2	1 793.6	1963	1988-03 GPP
64	5.50	0.080	0.30	0.84	68	845	54	13 879	-749.5	1 681.0	1982	1996-10 GPP
788	1.88	0.100	0.27	0.80	62	827	60	16 630	-806.0	1 800.4	1985	1992-09 GPP
16	12.00	0.180	0.50	0.70	145	816	64	18 747	-1 092.6	2 086.0	1981	1997-05 GPP
64	17.00	0.180	0.50	0.70	135	868	50	21 995	-910.3	1 881.5	1987	1996-08 GPP
16	11.40	0.080	0.25	0.64	177	794	47	22 607	-969.0	1 966.5	1984	1998-12
64	11.50	0.100	0.50	0.72	137	826	55			2 050.8	1997	1998-12
256	2.77	0.110	0.40	0.77	102	839	66	15 312	-1 041.3	2 007.0	1972	1996-07 GPP
64	2.80	0.080	0.40	0.75	123	820	36	18 147	-1 026.4	1 996.9	1964	1995-01 ABAND 1994
64	2.20	0.100	0.30	0.75	105	815	58	18 937	-1 023.3	1 981.4	1981	1992-10 ABAND 1995
64	2.70	0.100	0.40	0.75	125	825	60	17 634	-1 012.7	1 973.4	1981	1989-12 GPP
124	2.15	0.090	0.35	0.77	99	839	66	13 994	-1 179.1	2 183.4	1977	1996-06 GPP
128	1.37	0.090	0.34	0.77	101	839	66	11 757	-1 111.4	2 102.9	1983	1985-08 ABAND 1988
100	3.48	0.210	0.43	0.75	105	800	63	14 222	-842.5	1 831.8	1982	1993-12 GPP
64	1.74	0.045	0.35	0.77	72	845	66	11 401	-1 160.5	2 172.1	1978	1996-07 GPP
64	1.50	0.070	0.30	0.77	101	840	66	11 535	-1 015.9	1 972.8	1985	1994-11 ABAND 1993
64	1.70	0.100	0.35	0.79	101	839	66	10 596	-1 019.4	1 982.6	1985	1994-11 ABAND 1989
64	3.00	0.080	0.30	0.80	101	839	66	11 695	-1 083.5	2 086.5	1985	1996-07 GPP
192	3.38	0.080	0.26	0.76	131	806	44	14 167	-846.4	1 788.5	1985	1988-04 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
SYLVAN LAKE O37-O3W5 (CONTINUED)								
VIKING Y	9.6	<0.02		0.1		0.1	0.1	
VIKING AA	55.2	0.01		0.6		0.6	0.6	
VIKING BB	53.2	<0.10		5.2		5.2	5.2	
VIKING CC	13.0	<0.06		0.7		0.7	0.7	
VIKING EE	17.7	0.25		4.4		4.4	4.3	0.1
VIKING GG	32.5	<0.07		2.2		2.2	2.2	
VIKING HH	3.2	<0.04		0.1		0.1	0.1	
VIKING II	6.7	<0.05		0.3		0.3	0.3	
VIKING A.O & S	2 190.0	0.10		219.0		219.0	218.1	0.9
GLAUCONITIC C	337.0	<0.06		18.4		18.4	18.4	
GLAUCONITIC D	172.0	0.05		8.6		8.6	0.5	8.1
GLAUCONITIC F	333.0	<0.01		0.9		0.9	0.9	
GLAUCONITIC G	448.0	0.15		67.2		67.2	63.3	3.9
GLAUCONITIC H	246.0	0.10		24.6		24.6	19.1	5.5
GLAUCONITIC L	305.0	0.10		30.5		30.5	21.6	8.9
GLAUCONITIC M	106.0	0.05		5.3		5.3	1.6	3.7
GLAUCONITIC O	210.0	0.05		10.5		10.5	2.9	7.6
GLAUCONITIC J & BASAL QUARTZ B	55.8	<0.01		0.1		0.1	0.1	
GLAUCONITIC & LOWER MANNVILLE MU #1	435.0	0.05		21.8		21.8	18.8	3.0
LOWER MANNVILLE J	211.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE N	42.2	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE R	529.0	0.02		10.6		10.6	1.4	9.2
LOWER MANNVILLE S	44.0	<0.03		1.1		1.1	1.1	
LOWER MANNVILLE Y	1 299.0	0.15		195.0		195.0	128.7	66.3
LOWER MANNVILLE GG	366.0	0.12		43.9		43.9	39.4	4.5
LOWER MANNVILLE II	52.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE LL	94.3	0.05		4.7		4.7	0.7	4.0
OSTRACOD F	144.0	<0.01		0.6		0.6	0.6	
OSTRACOD M	58.7	0.12		7.0		7.0	6.7	0.3
OSTRACOD S	137.0	0.10		13.7		13.7	2.7	11.0
OSTRACOD T	24.8	0.10		2.5		2.5	0.5	2.0
DETRITAL B	240.0	<0.01		1.4		1.4	1.4	
DETRITAL D	88.8	<0.01		0.1		0.1	0.1	
DETRITAL E & ELKTON E	443.0	0.09		39.9		39.9	38.7	1.2
JURASSIC A	4 501.0	0.15		675.0		675.0	581.0	94.0
JURASSIC C	1 590.0	0.05		79.5		79.5	76.4	3.1
JURASSIC D	1 659.0	0.08		133.0		133.0	111.9	21.1
JURASSIC E	730.0	0.04		29.2		29.2	24.8	4.4
JURASSIC I	92.4	<0.02		1.1		1.1	1.1	
JURASSIC K	180.0	0.03		5.4		5.4	2.7	2.7
JURASSIC M	184.0	<0.09		16.5		16.5	16.5	
JURASSIC N	909.0	0.03		27.3		27.3	26.6	0.7
JURASSIC P	261.0	<0.01		0.1		0.1	0.1	
JURASSIC R	157.0	0.07		11.0		11.0	10.6	0.4
JURASSIC T	91.4	0.15		13.7		13.7	2.5	11.2
JURASSIC U	374.0	0.05		18.7		18.7	0.3	18.4
JURASSIC W	357.0	<0.01		0.1		0.1	0.1	
JURASSIC CC	177.0	<0.01		0.4		0.4	0.4	
JURASSIC FF	471.0	0.05		23.6		23.6	16.7	6.9
JURASSIC GG	38.9	<0.03		0.8		0.8	0.8	
JURASSIC II	30.6	<0.03		0.8		0.8	0.8	
ELKTON F	454.0	0.11		49.9		49.9	46.0	3.9
ELKTON J	460.0	0.06		27.6		27.6	27.4	0.2
ELKTON K	189.0	0.15		28.4		28.4	24.9	3.5
ELKTON L	607.0	0.07		42.5		42.5	35.6	6.9
ELKTON M	170.0	0.06		10.2		10.2	9.2	1.0
ELKTON N	224.0	0.10		22.4		22.4	0.1	22.3
ELKTON-SHUNDA D	4 870.0	0.20		974.0		974.0	871.8	102.2
ELKTON-SHUNDA E	750.0	0.30		225.0		225.0	168.5	56.5
ELKTON-SHUNDA G	592.0	0.05		29.6		29.6	25.0	4.6
ELKTON-SHUNDA H	316.0	<0.04		12.0		12.0	12.0	
ELKTON-SHUNDA J	179.0	<0.09		14.9		14.9	14.9	
ELKTON-SHUNDA K	125.0	0.20		25.0		25.0	2.7	22.3
ELKTON-SHUNDA B & PEKISKO N	2 093.0	0.10		209.0		209.0	19.1	189.9
SHUNDA C	126.0	<0.02		2.2		2.2	2.2	
SHUNDA E	82.0	0.08		6.6		6.6	6.6	
SHUNDA K	74.8	0.15		11.2		11.2	3.3	7.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.00	0.026	0.30	0.82	68	840	64	11 606	-1 090.7	2 084.5	1986	1989-12 ABAND 1990
64	1.60	0.100	0.30	0.77	102	834	66	13 392	-958.3	1 872.2	1985	1988-07 ABAND 1988
128	0.90	0.120	0.50	0.77	102	835	66	13 068	-806.5	1 746.5	1988	1989-01 ABAND 1990
16	1.80	0.090	0.35	0.77	102	834	41	11 490	-1 009.5	1 942.5	1977	1996-07 ABAND 1991
64	0.80	0.090	0.50	0.77	102	835	66	18 982	-1 112.2	2 108.4	1991	1995-12 GPP
64	1.10	0.100	0.40	0.77	101	838	66	13 483	-945.4	1 859.9	1980	1996-07 ABAND 1997
16	1.70	0.040	0.62	0.77	102	835	66	10 935	-1 107.5	2 083.0	1985	1996-07
64	0.70	0.030	0.35	0.77	102	835	66	14 237	-1 037.7	1 977.4	1991	1995-03 ABAND 1993
3 200	1.26	0.110	0.35	0.76	110	815	51	15 385	-947.2	1 900.4	1965	1992-12 GPP
64	8.62	0.130	0.39	0.77	89	887	64	16 883	-1 228.6	2 199.1	1964	1973-12 ABAND 1981
65	4.57	0.100	0.25	0.77	98	910	62	16 514	-1 248.2	2 201.0	1975	1996-12
64	9.40	0.120	0.35	0.71	126	807	79	14 409	-1 196.6	2 158.9	1983	1986-12 ABAND 1985
64	12.80	0.100	0.23	0.71	90	808	70	12 203	-1 204.7	2 159.5	1974	1993-12 GPP
64	5.00	0.120	0.20	0.80	62	880	60	11 153	-1 213.9	2 155.6	1987	1987-10 GPP
64	6.30	0.140	0.24	0.71	126	808	79	11 039	-1 229.5	2 197.2	1990	1990-08
32	3.60	0.140	0.23	0.85	62	923	71	12 534	-1 013.2	1 951.7	1993	1994-02 GPP
32	9.50	0.130	0.25	0.71	126	807	79	13 864	-1 225.5	2 193.0	1995	1996-12
16	7.20	0.110	0.38	0.71	126	805	79	12 610	-1 025.0	1 962.3	1986	1996-07 ABAND 1996
64	7.08	0.150	0.20	0.80	108	892	73	20 572	-1 402.0	2 396.9	1963	1989-12 GPP
65	2.74	0.200	0.30	0.85	64	915	61	13 963	-1 175.3	2 158.0	1976	1983-12 ABAND 1980
32	2.50	0.100	0.15	0.62	195	795	64	18 115	-1 362.4	2 353.3	1978	1991-10 ABAND 1991
64	12.30	0.120	0.30	0.80	80	845	66	17 098	-1 222.9	2 140.4	1981	1989-12 GPP
64	1.20	0.090	0.25	0.85	54	888	71	17 689	-1 345.2	2 336.1	1978	1988-12 ABAND 1991
226	8.08	0.120	0.23	0.77	97	871	74	17 431	-1 297.0	2 267.8	1985	1993-07 GPP
64	6.80	0.140	0.23	0.78	95	876	68	13 951	-1 272.2	2 228.0	1990	1994-12 GPP
32	2.70	0.120	0.35	0.78	91	879	69	15 053	-1 077.7	2 014.9	1986	1997-01 ABAND 1996
32	4.20	0.150	0.40	0.78	91	879	69	15 182	-1 095.2	2 031.4	1993	1996-08
64	4.00	0.100	0.25	0.75	105	879	74	17 230	-1 326.5	2 321.8	1979	1982-12 ABAND 1989
64	1.90	0.100	0.30	0.69	145	892	70	17 185	-1 320.0	2 309.9	1987	1996-12 GPP
32	6.20	0.120	0.25	0.77	101	888	77	20 553	-1 392.3	2 390.5	1994	1995-09
32	1.50	0.090	0.30	0.82	160	900	70			2 233.0	1995	1998-03
16	19.81	0.128	0.25	0.79	80	887	73	16 574	-1 207.9	2 197.6	1962	1992-11 ABAND 1971
16	3.66	0.240	0.20	0.79	80	844	73	16 904	-1 186.6	2 176.3	1962	1996-07
64	10.40	0.104	0.18	0.78	102	887	76	19 685	-1 439.3	2 432.0	1963	1993-12 GPP
967	6.12	0.130	0.25	0.78	96	887	68	17 390	-1 296.3	2 262.5	1962	1992-09 GPP
192	10.47	0.130	0.22	0.78	96	887	71	15 763	-1 288.3	2 242.5	1960	1983-05 GPP
253	7.80	0.140	0.23	0.78	94	887	71	17 120	-1 253.6	2 201.2	1962	1992-08 GPP
65	12.80	0.150	0.25	0.78	95	898	67	17 080	-1 265.4	2 212.1	1964	1989-12 GPP
16	10.97	0.090	0.25	0.78	95	887	71	17 163	-1 265.1	2 222.5	1964	1996-07 GPP
64	3.80	0.120	0.23	0.80	83	890	68	15 864	-1 294.4	2 233.2	1968	1994-07 GPP
64	5.53	0.090	0.25	0.77	103	887	71	16 866	-1 254.6	2 202.8	1962	1985-12 GPP
192	7.33	0.120	0.31	0.78	83	890	68	18 031	-1 303.3	2 271.6	1982	1993-12 GPP
64	6.80	0.110	0.30	0.78	88	933	60	17 740	-1 349.7	2 311.9	1983	1984-03 ABAND 1984
64	5.10	0.103	0.40	0.78	95	919	65	17 991	-1 293.2	2 263.5	1983	1996-12 GPP
32	3.40	0.150	0.30	0.80	83	889	68	15 452	-1 326.4	2 302.3	1984	1997-08 GPP
64	7.50	0.135	0.26	0.78	98	867	55	17 202	-1 281.9	2 239.0	1981	1995-10
64	5.20	0.170	0.19	0.78	98	895	55	15 093	-1 306.6	2 232.7	1985	1988-12 ABAND 1989
64	4.30	0.110	0.25	0.78	100	884	76	16 548	-1 290.9	2 262.1	1987	1988-03 ABAND 1989
128	4.72	0.130	0.25	0.80	78	871	70	17 244	-1 331.0	2 304.1	1987	1992-12 GPP
16	3.00	0.130	0.22	0.80	89	894	69	18 551	-1 351.3	2 338.8	1989	1996-07 GPP
32	1.80	0.130	0.49	0.80	83	897	70	17 028	-1 313.8	2 295.1	1988	1997-12 ABAND 1997
64	11.09	0.100	0.18	0.78	89	887	76	18 118	-1 440.1	2 433.7	1963	1997-12 GPP
64	13.00	0.100	0.35	0.85	95	886	64	18 021	-1 407.8	2 393.1	1984	1989-10 GPP
64	4.00	0.120	0.25	0.82	72	911	73	16 929	-1 262.1	2 217.1	1984	1988-12 GPP
64	13.50	0.150	0.40	0.78	75	913	70	16 890	-1 368.3	2 353.6	1989	1998-12 GPP
32	5.76	0.150	0.21	0.78	92	914	65	19 175	-1 473.2	2 453.7	1993	1998-12 GPP
32	8.20	0.160	0.35	0.82	72	911	73			2 398.7	1997	1998-01
1 352	6.00	0.100	0.24	0.79	93	887	68	17 443	-1 300.5	2 271.3	1962	1996-03 GPP
318	4.25	0.108	0.35	0.79	92	881	71	17 338	-1 287.5	2 253.3	1953	1992-01 GPP
105	7.37	0.140	0.29	0.77	74	895	71	17 463	-1 317.3	2 305.7	1982	1993-07 GPP
40	11.00	0.120	0.27	0.82	72	912	73	16 817	-1 246.7	2 208.6	1992	1998-05 ABAND 1998
16	14.20	0.120	0.20	0.82	72	881	73	15 758	-1 293.7	2 264.5	1994	1998-12 GPP
16	9.30	0.140	0.23	0.78	92	881	71	16 537	-1 307.4	2 263.8	1995	1996-03
245	9.66	0.140	0.19	0.78	88	880	74			2 250.2	1997	1998-07
65	1.83	0.170	0.20	0.78	96	892	72	16 964	-1 260.3	2 192.7	1972	1996-07 GPP
64	3.20	0.080	0.35	0.77	100	908	70	16 663	-1 330.8	2 317.6	1985	1988-04 ABAND 1987
64	2.30	0.100	0.38	0.82	72	911	73	17 306	-1 283.5	2 238.7	1964	1994-05 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
SYLVAN LAKE 037-03W5 (CONTINUED)								
SHUNDA L	64.3	0.10		6.4		6.4	1.5	4.9
SHUNDA O	79.3	0.05		4.0		4.0	0.6	3.4
SHUNDA I & PEKISKO AA	170.0	0.06		10.2		10.2	6.4	3.8
SHUNDA G.H & PEKISKO LL	50.2	0.05		2.5		2.5	1.1	1.4
PEKISKO B TOTAL	10 250.0			3 077.0	507.0	3 584.0	3 028.1	555.9
PRIMARY AREA	114.0	0.30		34.2		34.2		
WATER FLOOD AREA	10 140.0	0.30	0.05	3 043.0	507.0	3 550.0		
PEKISKO C	5 044.0	0.30		1 513.0		1 513.0	1 265.6	247.4
PEKISKO D	1 845.0	0.40		738.0		738.0	621.9	116.1
PEKISKO E	161.0	0.15		24.2		24.2	9.3	14.9
PEKISKO G	323.0	0.10		32.3		32.3	14.0	18.3
PEKISKO K	185.0	0.05		9.3		9.3	1.1	8.2
PEKISKO M	105.0	0.05		5.3		5.3	0.1	5.2
PEKISKO Q	288.0	0.05		14.4		14.4	7.7	6.7
PEKISKO R	269.0	<0.02		3.0		3.0	3.0	
PEKISKO S	268.0	<0.01		2.6		2.6	2.6	
PEKISKO T	155.0	<0.01		0.5		0.5	0.5	
PEKISKO U	384.0	0.15		57.6		57.6	40.9	16.7
PEKISKO X	216.0	<0.01		0.4		0.4	0.4	
PEKISKO Y	89.0	<0.03		2.1		2.1	0.8	1.3
PEKISKO Z	105.0	0.07		7.4		7.4	7.4	
PEKISKO BB	30.0	<0.01		0.1		0.1	0.1	
PEKISKO CC	53.0	0.10		5.3		5.3	0.3	5.0
PEKISKO FF	899.0	0.15		135.0		135.0	31.1	103.9
PEKISKO GG	86.9	0.09		7.8		7.8	5.9	1.9
PEKISKO HH	36.1	0.15		5.4		5.4	0.5	4.9
PEKISKO II	182.0	0.05		9.1		9.1	0.9	8.2
PEKISKO JJ	179.0	0.05		9.0		9.0	0.1	8.9
PEKISKO KK	974.0	0.10		97.4		97.4	10.4	87.0
D-3 A	821.0	<0.02		9.3		9.3	9.3	
D-3 B	944.0	0.10		94.4		94.4	70.2	24.2
D-3 C	785.0	0.18		141.0		141.0	103.2	37.8
FIELD TOTAL *	61 475.8			9 817.0	507.0	10 324.0	8 255.0	2 069.0
TABER NORTH 010-16W4								
TABER JJ	25.4	0.10		2.5		2.5	0.9	1.6
FIELD TOTAL *	25.4			2.5		2.5	0.9	1.6
TANGENT 080-24W5								
TRIASSIC F	137.0	<0.01		0.1		0.1	0.1	
TRIASSIC J	47.8	0.20		9.6		9.6	7.3	2.3
D-1 A	485.0	<0.21		98.2		98.2	98.2	
D-1 B	84.9	<0.11		8.5		8.5	8.5	
D-1 C	246.0	0.10		24.6		24.6	15.5	9.1
D-1 D	104.0	0.25		26.0		26.0	21.8	4.2
D-1 E	677.0	<0.16		107.4		107.4	107.4	
D-1 F	552.0	0.12		66.2		66.2	56.4	9.8
D-1 G	94.0	<0.03		2.2		2.2	2.2	
D-1 H	643.0	0.20		129.0		129.0	77.2	51.8
D-1 I	215.0	<0.19		40.4		40.4	40.4	
D-1 J	278.0	<0.02		5.2		5.2	5.2	
D-1 K	368.0	<0.05		15.9		15.9	15.9	
D-1 L	149.0	0.25		37.3		37.3	32.7	4.6
D-1 M	336.0	<0.30		99.3		99.3	99.3	
D-1 N	260.0	<0.01		0.1		0.1	0.1	
D-1 O	175.0	<0.02		3.0		3.0	3.0	
D-1 P	376.0	0.10		37.6		37.6	32.6	5.0
D-1 Q	155.0	<0.05		6.3		6.3	6.3	
D-1 R	208.0	<0.18		36.3		36.3	36.3	
D-1 S	188.0	<0.02		2.6		2.6	2.6	
D-1 T	120.0	<0.01		0.1		0.1	0.1	
D-1 U	176.0	<0.05		7.2		7.2	7.2	
D-1 V	298.0	<0.20		57.5		57.5	57.5	
D-1 W	24.0	<0.01		0.1		0.1	0.1	
D-1 X	79.6	<0.01		0.2		0.2	0.2	
D-1 Y	204.0	0.25		51.0		51.0	44.7	6.3
D-1 Z	492.0	<0.04		14.9		14.9	14.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.10	0.200	0.60	0.81	80	878	75	15 901	-1 322.8	2 322.0	1983	1996-10 GPP
64	1.00	0.170	0.10	0.81	80	878	75		-1 312.2	2 270.5	1995	1997-07 GPP
16	21.56	0.100	0.36	0.77	92	892	52	17 034	-1 345.8	2 326.3	1988	1997-12 GPP
16	8.34	0.080	0.44	0.84	75	925	70	16 416	-1 304.5	2 284.8	1987	1998-06 GPP
1 294					92	887	69	17 000	-1 272.4	2 226.7	1962	1998-07
16	9.18	0.120	0.16	0.77								
1 278	10.22	0.120	0.16	0.77								GPP
940	8.60	0.100	0.20	0.78		887	72	17 260	-1 296.2	2 236.3	1962	GPP
398	6.70	0.120	0.21	0.73	121	849	76	17 376	-1 295.2	2 258.7	1960	GPP
27	8.23	0.105	0.20	0.86	85	921	73	15 890	-1 162.7	2 154.2	1963	1993-12
32	25.00	0.070	0.25	0.77	62	969	89	17 403	-1 193.3	2 153.7	1963	1998-12
64	7.90	0.060	0.22	0.78	88	887	74		-1 186.7	2 146.8	1953	1997-02
16	7.01	0.140	0.13	0.77	94	887	67	17 144	-1 301.1	2 253.9	1964	1997-06
131	4.10	0.100	0.33	0.80	121	849	76	16 979	-1 307.2	2 267.5	1983	1991-03 GPP
64	8.00	0.105	0.35	0.77	145	825	63	17 578	-1 308.9	2 263.9	1984	1989-12 GPP
64	9.60	0.070	0.20	0.78	145	825	63	16 493	-1 257.1	2 194.3	1985	1992-07 ABAND 1992
64	5.00	0.090	0.30	0.77	88	860	74	16 969	-1 364.4	2 354.9	1986	1987-01 ABAND 1987
94	5.06	0.140	0.21	0.73	122	857	74	16 440	-1 286.5	2 250.2	1989	1992-10 GPP
32	6.80	0.170	0.25	0.78	88	886	74	17 570	-1 309.5	2 280.5	1990	1995-03 ABAND 1993
16	8.10	0.110	0.20	0.78	88	887	74	15 336	-1 304.9	2 271.4	1991	1997-06 ABAND 1996
32	5.92	0.100	0.28	0.77	88	887	74	18 125	-1 347.4	2 304.5	1963	1998-12 GPP
16	3.09	0.105	0.24	0.76	88	886	64	17 319	-1 349.2	2 321.8	1962	1996-07 GPP
64	2.50	0.060	0.31	0.80	86	901	71	14 599	-1 383.6	2 380.5	1984	1995-03 GPP
64	18.00	0.130	0.23	0.78	88	887	74	13 368	-1 352.0	2 331.5	1996	1996-12
16	14.70	0.070	0.34	0.80	105	832	73	18 063	-1 355.5	2 353.8	1995	1998-12 GPP
16	3.50	0.130	0.32	0.73	122	858	74	12 537	-1 361.7	2 352.0	1996	1997-03 GPP
32	7.30	0.130	0.26	0.81	74	892	73	17 489	-1 345.2	2 303.2	1996	1996-10
32	8.60	0.110	0.24	0.78	88	886	74	14 675	-1 306.2	2 270.3	1996	1997-03
32	34.50	0.130	0.13	0.78	88	880	74			2 303.5	1997	1998-03
500	6.16	0.056	0.15	0.56	262	792	79	24 806	-1 906.7	2 875.4	1961	1992-12 ABAND 1987
376	6.10	0.066	0.19	0.77	128	770	85	18 273	-1 975.6	2 979.8	1986	1992-05 GPP
64	25.00	0.075	0.15	0.77	170	800	88	18 633	-1 998.3	3 009.1	1986	1992-12 GPP
32	1.20	0.170	0.59	0.95	17	880	29	7 727	-182.3	977.2	1995	1996-07 GPP
64	2.00	0.190	0.25	0.75	105	900	36	8 120	-284.4	856.0	1983	1992-10
64	0.50	0.250	0.35	0.92	39	885	33			869.0	1974	1998-07 GPP
32	50.50	0.050	0.24	0.79	78	839	62	18 814	-1 199.1	1 770.8	1981	1994-11 GPP
64	6.00	0.040	0.30	0.79	80	839	55	18 370	-1 159.4	1 732.0	1982	1982-10 ABAND 1989
64	21.30	0.030	0.24	0.79	75	839	68	16 474	-1 208.5	1 783.5	1982	1998-11
64	15.00	0.026	0.50	0.83	62	845	60	18 546	-1 176.3	1 748.4	1983	1994-11 GPP
32	67.80	0.050	0.21	0.79	82	839	56	18 665	-1 209.1	1 781.7	1983	1994-11 GPP
64	28.17	0.057	0.32	0.79	80	855	58	19 141	-1 250.2	1 830.9	1983	1992-12 GPP
16	42.50	0.025	0.30	0.79	84	843	58	18 603	-1 199.5	1 773.0	1983	1994-11 GPP
40	62.00	0.040	0.20	0.81	77	859	60	18 133	-1 225.2	1 800.1	1987	1992-07 GPP
32	45.00	0.030	0.40	0.83	67	823	62	18 440	-1 203.9	1 774.0	1983	1994-11 ABAND 1994
64	62.30	0.014	0.37	0.79	62	850	36	18 489	-1 198.2	1 769.2	1983	1992-10
32	44.37	0.040	0.18	0.79	62	823	58	19 632	-1 299.3	1 882.5	1984	1994-11 ABAND 1993
32	28.50	0.030	0.31	0.79	80	843	58	17 009	-1 203.2	1 776.5	1984	1998-12
32	46.20	0.040	0.28	0.79	80	843	59	17 849	-1 190.6	1 761.9	1984	1996-07 GPP
64	17.40	0.040	0.26	0.79	88	903	54	18 148	-1 227.1	1 799.3	1984	1988-12 ABAND 1989
32	31.70	0.030	0.27	0.79	78	840	60	18 380	-1 217.6	1 803.4	1984	1992-03 ABAND 1991
32	66.40	0.040	0.44	0.79	72	827	64	12 792	-1 215.8	1 787.8	1984	1998-11 GPP
32	21.40	0.035	0.22	0.83	62	855	60	19 079	-1 239.6	1 813.8	1984	1993-02 ABAND 1992
20	30.98	0.053	0.20	0.79	78	827	59	17 893	-1 232.9	1 804.9	1984	1996-07 GPP
64	19.70	0.030	0.40	0.83	62	857	58	18 608	-1 209.8	1 783.1	1984	1985-05 ABAND 1987
16	82.00	0.020	0.45	0.83	62	843	60	17 861	-1 197.9	1 769.4	1985	1994-11 GPP
16	81.50	0.025	0.35	0.83	62	843	60	17 641	-1 207.2	1 782.5	1985	1990-12 ABAND 1988
16	52.80	0.050	0.15	0.83	62	843	60	18 320	-1 215.7	1 802.7	1985	1994-11
16	7.50	0.040	0.40	0.83	62	843	60	16 798	-1 193.2	1 775.3	1985	1990-12
64	30.70	0.010	0.50	0.81	77	843	59	17 840	-1 209.7	1 783.3	1985	1986-03 ABAND 1987
32	21.90	0.045	0.22	0.83	62	843	60	16 798	-1 191.4	1 776.4	1986	1997-12 GPP
16	100.10	0.050	0.24	0.81	77	847	60	17 288	-1 253.0	1 824.8	1987	1990-12 ABAND 1990

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
TANGENT 080-24W5 (CONTINUED)								
D-1 AA	389.0	<0.09		31.6		31.6	31.6	4
D-1 BB	453.0	<0.08		34.2		34.2	34.2	
D-1 CC	423.0	<0.06		23.4		23.4	23.4	
D-1 DD	33.2	<0.08		2.5		2.5	2.5	
D-1 EE	143.0	0.10		14.3		14.3	11.7	2.6
D-1 FF	39.8	<0.07		2.6		2.6	2.6	
D-1 GG	171.0	0.13		22.2		22.2	16.5	5.7
D-1 HH	161.0	0.35		56.4		56.4	52.7	3.7
D-1 II	226.0	<0.03		6.0		6.0	6.0	
D-1 JJ	493.0	0.08		39.4		39.4	36.2	3.2
D-1 KK	258.0	<0.02		5.0		5.0	5.0	
D-1 LL	398.0	0.07		27.9		27.9	24.8	3.1
D-1 MM	16.8	<0.04		0.6		0.6	0.6	
D-1 NN	73.0	<0.05		3.4		3.4	3.4	
D-1 OO	134.0	0.12		16.1		16.1	13.3	2.8
D-1 PP	116.0	<0.16		18.4		18.4	18.4	
D-1 QQ	80.0	<0.01		0.5		0.5	0.5	
D-1 RR	115.0	<0.07		7.6		7.6	7.6	
D-1 SS	103.0	<0.06		5.3		5.3	5.3	
D-1 TT	102.0	<0.03		3.0		3.0	3.0	
D-1 UU	244.0	0.13		31.7		31.7	28.4	3.3
D-1 VV	247.0	<0.02		4.9		4.9	4.9	
D-1 WW	361.0	0.20		72.2		72.2	59.1	13.1
D-1 XX	275.0	<0.03		6.6		6.6	6.6	
D-1 YY	240.0	0.10		24.0		24.0	21.5	2.5
D-1 ZZ	190.0	0.15		28.5		28.5	21.5	6.6
D-1 AAA	206.0	0.25		51.5		51.5	39.5	12.0
D-1 BBB	118.0	<0.01		1.0		1.0	1.0	
D-1 CCC	96.8	<0.09		8.0		8.0	8.0	
D-1 DDD	91.8	<0.03		2.6		2.6	2.6	
D-1 EEE	132.0	0.15		19.8		19.8	11.1	8.7
D-1 FFF	111.0	0.05		5.6		5.6	2.1	3.5
D-1 GGG	150.0	<0.08		11.1		11.1	11.1	
D-1 HHH	34.3	0.25		8.6		8.6	6.8	1.8
D-1 III	96.9	0.15		14.5		14.5	8.4	6.1
D-1 JJJ	33.0	<0.07		2.0		2.0	2.0	
D-1 KKK	345.0	<0.04		12.4		12.4	12.4	
D-1 LLL	191.0	<0.04		6.7		6.7	6.7	
D-1 MMM	102.0	<0.07		6.4		6.4	6.4	
FIELD TOTAL	14 364.9			1 525.3		1 525.3	1 353.5	171.8
TEEPEE 073-04W6								
CHARLIE LAKE A	74.9	<0.11		7.8		7.8	7.8	
CHARLIE LAKE B	512.0	0.20		102.0		102.0	11.3	90.7
FIELD TOTAL	586.9			109.8		109.8	19.1	90.7
THORSBY 049-01W5								
GLAUCONITIC A TOTAL	4 157.0			316.0	180.0	496.0	363.4	132.6
PRIMARY AREA	557.0	0.05		27.9		27.9		
WATER FLOOD AREA	3 600.0	0.08	0.05	288.0	180.0	468.0		
GLAUCONITIC B	500.0	0.12		60.0		60.0	52.2	7.8
GLAUCONITIC C	173.0	0.05		8.7		8.7	1.3	7.4
GLAUCONITIC G	210.0	<0.01		1.2		1.2	1.2	
GLAUCONITIC K	942.0	0.05		47.1		47.1	23.2	23.9
OSTRACOD A	78.7	<0.01		0.2		0.2	0.2	
FIELD TOTAL	6 060.7			433.2	180.0	613.2	441.5	171.7
THREE HILLS CREEK 035-25W4								
VIKING B	105.0	0.20		21.0		21.0	16.4	4.6
VIKING G	29.4	0.10		2.9		2.9	1.2	1.7
VIKING J	199.0	0.15		29.9		29.9	20.5	9.4
VIKING L	60.7	<0.01		0.4		0.4	0.4	
VIKING M	455.0	0.05		22.8		22.8	4.1	18.7
VIKING R	355.0	0.20		71.0		71.0	28.1	42.9
VIKING S	115.0	0.20		23.0		23.0	8.4	14.6
VIKING T	22.3	0.15		3.3		3.3	0.3	3.0
VIKING U	112.0	0.15		16.8		16.8	10.8	6.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
20	54.30	0.060	0.28	0.83	62	844	60	17 392	-1 220.1	1 796.6	1987	1996-07 GPP
32	53.90	0.040	0.19	0.81	77	858	59	17 311	-1 236.7	1 813.3	1987	1998-12 GPP
32	44.10	0.041	0.12	0.83	62	815	60	18 472	-1 193.7	1 771.5	1987	1994-11 GPP
16	8.73	0.040	0.31	0.86	62	845	60	17 273	-1 167.9	1 742.2	1987	1990-12 ABAND 1989
16	33.60	0.040	0.18	0.81	77	859	55	18 735	-1 214.2	1 807.1	1988	1995-12 GPP
16	12.65	0.030	0.24	0.86	77	859	60	18 323	-1 180.9	1 751.5	1985	1994-11 GPP
32	15.30	0.050	0.16	0.83	62	845	60	16 643	-1 156.8	1 732.2	1989	1993-12 GPP
32	24.90	0.030	0.19	0.83	62	833	60	17 212	-1 210.5	1 782.1	1989	1990-12 GPP
16	23.00	0.090	0.18	0.83	62	845	60	19 582	-1 282.9	1 854.5	1989	1994-11 GPP
16	89.40	0.050	0.17	0.83	62	845	60	16 850	-1 201.8	1 782.7	1989	1996-08 GPP
16	28.20	0.080	0.14	0.83	62	845	60	18 789	-1 220.9	1 801.9	1989	1992-12 ABAND 1992
16	92.70	0.040	0.19	0.83	62	845	60	17 822	-1 221.5	1 799.8	1989	1996-08 GPP
16	6.90	0.023	0.20	0.83	62	833	60	18 347	-1 223.2	1 808.5	1989	1990-04 ABAND 1990
32	6.20	0.060	0.26	0.83	62	845	60	18 032	-1 153.9	1 724.3	1989	1992-10 ABAND 1992
16	32.40	0.040	0.25	0.86	77	859	60	17 880	-1 196.2	1 764.6	1988	1997-12 GPP
64	7.80	0.040	0.30	0.83	62	845	60	18 202	-1 215.4	1 796.1	1990	1996-07 GPP
16	13.80	0.059	0.26	0.83	62	849	61	17 382	-1 246.4	1 838.1	1990	1994-11 GPP
32	51.30	0.012	0.30	0.83	62	845	60	17 891	-1 197.5	1 775.4	1990	1994-11 GPP
32	21.90	0.025	0.32	0.86	55	829	57	19 113	-1 248.1	1 829.6	1990	1994-11 GPP
32	34.70	0.014	0.24	0.86	55	829	57	18 723	-1 220.0	1 794.5	1990	1993-04 ABAND 1993
64	61.60	0.010	0.28	0.86	55	829	57	18 464	-1 234.1	1 811.0	1990	1996-08 GPP
16	44.90	0.050	0.20	0.86	55	829	57	17 564	-1 196.7	1 774.6	1990	1994-11 GPP
32	40.80	0.045	0.26	0.83	62	845	60	17 421	-1 212.7	1 799.7	1988	1991-02
32	22.10	0.060	0.22	0.83	62	845	60	17 681	-1 212.6	1 790.8	1990	1994-11
16	46.80	0.046	0.16	0.83	62	845	60	17 885	-1 210.7	1 789.8	1990	1993-12 GPP
32	20.10	0.050	0.27	0.81	77	858	60	17 133	-1 210.0	1 786.3	1991	1998-12
64	16.80	0.030	0.23	0.83	62	845	60	16 427	-1 174.5	1 751.4	1991	1993-12 GPP
32	32.10	0.020	0.31	0.83	62	848	61	18 737	-1 232.2	1 811.0	1991	1992-03 ABAND 1991
16	18.00	0.050	0.19	0.83	62	848	61	17 252	-1 172.6	1 751.8	1990	1994-11 GPP
32	12.00	0.040	0.28	0.83	62	848	61	17 668	-1 174.1	1 750.9	1991	1994-11
32	15.10	0.040	0.18	0.83	62	845	60	17 054	-1 170.3	1 741.5	1991	1992-07 GPP
16	14.10	0.070	0.18	0.86	55	829	57	18 656	-1 230.8	1 800.0	1991	1995-12 GPP
32	18.90	0.040	0.28	0.86	55	829	57	17 343	-1 260.4	1 838.2	1991	1994-11
32	5.20	0.040	0.40	0.86	55	829	57	17 216	-1 216.2	1 795.0	1991	1995-12 GPP
32	9.60	0.050	0.24	0.83	62	845	60	19 083	-1 241.5	1 812.2	1991	1995-12 GPP
32	10.00	0.020	0.40	0.86	55	829	57	17 102	-1 199.7	1 780.0	1991	1994-11 GPP
32	45.00	0.040	0.26	0.81	77	859	60	19 018	-1 218.4	1 792.2	1983	1992-07 ABAND 1990
16	24.20	0.090	0.34	0.83	62	854	60	16 464	-1 177.0	1 749.5	1985	1998-06 ABAND 1998
32	12.50	0.040	0.23	0.83	62	845	60	18 183	-1 204.9	1 781.7	1992	1998-12 GPP
64	1.24	0.185	0.40	0.85	68	844	49	14 974	-932.3	1 664.4	1987	1996-07 ABAND 1996
168	3.93	0.150	0.32	0.76	115	822	57	13 963	-944.8	1 606.1	1997	1998-04
486					86	849	54	12 292	-728.2	1 491.8	1979	1995-06
112	6.25	0.130	0.28	0.85								
374	12.10	0.130	0.28	0.85								
64	6.79	0.180	0.17	0.77	66	867	63	12 322	-702.3	1 451.2	1973	1997-12 GPP
32	7.24	0.148	0.29	0.71	110	868	60	12 439	-749.8	1 534.7	1979	1994-01 GPP
16	12.90	0.133	0.15	0.90	95	866	62	11 738	-633.2	1 360.3	1985	1992-12 ABAND 1995
261	4.74	0.140	0.36	0.85	62	861	61	11 632	-693.4	1 431.0	1981	1994-12 GPP
64	1.54	0.152	0.30	0.75	110	866	53	12 683	-740.9	1 511.0	1981	1987-12 ABAND 1990
192	1.13	0.100	0.43	0.85	67	822	56	8 411	-641.9	1 590.7	1987	1991-01 GPP
32	1.20	0.170	0.43	0.79	70	818	61	7 848	-661.4	1 620.3	1994	1995-02 GPP
128	2.70	0.130	0.46	0.82	66	832	51	8 804	-579.4	1 500.5	1994	1995-10 GPP
16	6.20	0.120	0.37	0.81	67	821	56	6 396	-663.3	1 635.9	1993	1996-07 GPP
192	4.02	0.110	0.37	0.85	67	821	56	8 334	-631.3	1 597.8	1994	1998-12
575	0.70	0.160	0.32	0.81	67	822	56		-654.7	1 632.5	1997	1998-12 GPP
192	1.73	0.070	0.39	0.81	67	822	56	8 123	-636.8	1 618.9	1996	1997-08 GPP
32	1.50	0.100	0.46	0.86	56	833	52		-643.4	1 601.3	1996	1997-08
64	2.20	0.120	0.22	0.85	67	821	56		-647.1	1 611.8	1994	1997-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
THREE HILLS CREEK 035-25W4 (CONTINUED)								
VIKING V	358.0	0.10		35.8		35.8	11.5	24.3
VIKING Y	62.2	0.15		9.3		9.3	0.9	8.4
VIKING Z	52.8	0.10		5.3		5.3	0.1	5.2
GLAUCONITIC D	48.3	0.15		7.2		7.2	0.4	6.8
ELLERSLIE H	870.0	0.10		87.0		87.0	13.3	73.7
ELLERSLIE M	83.4	0.10		8.3		8.3	1.9	6.4
PEKISKD	65.0	0.15		9.8		9.8	5.4	4.4
PEKISKD B	752.0	0.07		52.6		52.6	46.4	6.2
D-2 A	82.1	<0.09		6.9		6.9	6.9	
D-2 B	263.0	<0.04		8.4		8.4	8.4	
D-2 C	308.0	<0.16		48.0		48.0	47.3	0.7
D-2 D	99.1	<0.07		6.9		6.9	6.9	
D-2 E	35.8	0.06		2.1		2.1	2.1	
D-3 A	81.8	0.30		24.5		24.5	6.3	18.2
D-3 B	112.0	<0.02		1.3		1.3	1.3	
D-3 C	133.0	<0.02		1.5		1.5	1.5	
FIELD TOTAL	4 859.9			506.0		506.0	250.8	255.2
TINDASTOLL 036-01W5								
BELLY RIVER A	2 798.0	0.07		196.0		196.0	166.8	29.2
BELLY RIVER B	120.0	0.03		3.6		3.6	3.4	0.2
BELLY RIVER C	248.0	<0.01		0.1		0.1	0.1	
BELLY RIVER E	275.0	<0.01		0.1		0.1	0.1	
BELLY RIVER F	442.0	0.02		8.8		8.8	1.2	7.6
BELLY RIVER G	87.4	<0.01		0.1		0.1	0.1	
VIKING A	58.2	0.15		8.7		8.7	5.7	3.0
VIKING B & LOWER MANNVILLE B	149.0	0.05		7.5		7.5	1.7	5.8
LOWER MANNVILLE A	122.0	<0.01		0.4		0.4	0.4	
PEKISKD A	114.0	0.03		3.4		3.4	2.5	0.9
FIELD TOTAL	4 413.6			228.7		228.7	182.0	46.7
TOMAHAWK 052-05W5								
CARDIUM A	85.7	0.30		25.7		25.7	12.8	12.9
CARDIUM B	62.3	0.10		6.2		6.2	1.2	5.0
OSTRACOD A	586.0	0.20		117.0		117.0	75.5	41.5
OSTRACOD B	218.0	0.15		32.7		32.7	22.1	10.6
OSTRACOD C	504.0	0.10		50.4		50.4	45.1	5.3
OSTRACOD F	491.0	0.07		34.4		34.4	25.0	9.4
OSTRACOD I	47.8	0.10		4.8		4.8	2.0	2.8
OSTRACOD K	167.0	0.15		25.1		25.1	15.3	9.8
OSTRACOD D & E	566.0	0.10		56.6		56.6	47.1	9.5
NORDEGG A	1 250.0	0.04		50.0		50.0	33.9	16.1
NORDEGG B, BANFF B & C	3 383.0	0.03		101.0		101.0	71.6	29.4
NORDEGG C & BANFF D	374.0	0.10		37.4		37.4	23.5	13.9
BANFF A	150.0	<0.01		0.1		0.1	0.1	
BANFF E	28.5	<0.03		0.6		0.6	0.6	
FIELD TOTAL *	7 913.3			542.0		542.0	375.8	166.2
TONY CREEK NORTH 064-21W5								
VIKING A	105.0	<0.01		0.4		0.4	0.4	
GETHING C	265.0	<0.03		5.6		5.6	5.6	
FIELD TOTAL	370.0			6.0		6.0	6.0	
TRAVERS 013-21W4								
BOW ISLAND A	131.0	<0.01		1.1		1.1	1.1	
BOW ISLAND B	101.0	0.10		10.1		10.1	2.1	8.0
FIELD TOTAL	232.0			11.2		11.2	3.2	8.0
TROCHU 033-22W4								
BASAL QUARTZ A	922.0	<0.04		34.9		34.9	34.9	
BASAL QUARTZ B	762.0	<0.02		12.8		12.8	12.8	
BASAL QUARTZ D	71.4	<0.01		0.6		0.6	0.6	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
280	2.60	0.110	0.48	0.86	66	824	39	10 201	-610.4	1 596.4	1997	1998-05 GPP
32	4.10	0.120	0.53	0.84	66	840	61			1 587.9	1997	1998-03 GPP
32	3.20	0.120	0.47	0.81	67	850	56			1 594.4	1997	1998-11 GPP
16	4.20	0.140	0.35	0.79	78	877	59	11 404	-782.8	1 706.4	1994	1994-10
216	4.60	0.170	0.34	0.78	91	879	70	11 962	-856.5	1 811.5	1994	1997-09 GPP
64	2.20	0.130	0.47	0.86	53	878	67		-859.1	1 828.0	1996	1997-08 GPP
64	5.58	0.037	0.40	0.82	71	860	66	11 357	-844.5	1 773.3	1953	1997-12 GPP
256	7.76	0.060	0.24	0.83	63	774	64	11 640	-881.2	1 856.3	1984	1998-12 GPP
64	4.70	0.050	0.22	0.70	130	841	65	17 299	-1 169.8	2 150.5	1984	1995-05 ABAND 1994
128	6.52	0.060	0.28	0.73	141	826	64	15 422	-1 081.7	1 972.6	1978	1996-07 GPP
192	6.19	0.050	0.30	0.74	158	828	77	18 419	-1 092.1	2 008.3	1961	1996-12 GPP
32	10.90	0.058	0.30	0.70	130	815	69	18 250	-1 100.9	2 061.4	1985	1996-07 GPP
64	1.80	0.060	0.30	0.74	130	815	69	17 263	-1 164.7	2 142.8	1951	1996-12 ABAND 1958
64	3.00	0.080	0.25	0.71	291	763	62	17 207	-1 277.0	2 233.5	1980	1997-11 GPP
64	4.00	0.080	0.17	0.66	181	808	21	18 442	-1 130.4	2 090.9	1985	1986-05 ABAND 1987
64	4.50	0.080	0.23	0.75	146	819	68	17 005	-1 269.5	2 236.8	1980	1990-12 ABAND 1988
904	3.50	0.150	0.33	0.88	50	827	40	6 062	-252.4	1 177.2	1980	1994-12 GPP
16	9.80	0.150	0.42	0.88	52	865	35	5 526	-273.0	1 184.3	1981	1992-12 GPP
64	3.70	0.170	0.30	0.88	36	876	43	6 154	-261.3	1 197.2	1983	1983-07 ABAND 1983
64	4.10	0.170	0.30	0.88	36	815	43	5 166	-235.7	1 160.0	1983	1983-07 ABAND 1983
64	10.20	0.140	0.45	0.88	36	815	43	5 686	-282.2	1 191.2	1983	1989-12 GPP
64	2.30	0.150	0.55	0.88	36	815	43	6 211	-266.8	1 179.1	1988	1989-02 ABAND 1989
64	0.80	0.220	0.37	0.82	68	844	64	14 347	-818.8	1 767.6	1987	1988-12 GPP
64	3.40	0.110	0.19	0.77	85	851	74	15 433	-1 000.8	1 910.5	1988	1988-12 GPP
16	13.00	0.120	0.30	0.70	155	897	70	15 849	-1 059.7	1 997.8	1981	1992-11 ABAND 1982
32	5.20	0.110	0.20	0.78	85	890	70	15 299	-1 098.8	2 039.1	1982	1992-12
128	1.00	0.100	0.28	0.93	28	874	38	14 815	-384.7	1 170.5	1994	1996-12 GPP
64	1.70	0.110	0.44	0.93	28	874	38	8 014	-379.8	1 173.1	1995	1996-12 GPP
467	1.84	0.130	0.31	0.76	115	882	61	15 597	-901.3	1 731.1	1987	1992-05 GPP
64	3.30	0.140	0.17	0.89	91	834	65	15 669	-877.5	1 695.8	1989	1989-10 GPP
128	3.91	0.160	0.16	0.75	50	909	50	15 082	-861.2	1 666.2	1989	1998-12 GPP
64	5.20	0.210	0.10	0.78	73	875	68	15 001	-864.7	1 642.6	1990	1996-08 GPP
16	4.52	0.140	0.37	0.75	115	839	61	14 849	-864.4	1 682.4	1990	1997-11 GPP
128	1.24	0.160	0.19	0.81	86	867	58	15 707	-900.3	1 735.8	1993	1993-12 GPP
128	5.12	0.160	0.29	0.76	115	868	61	15 480	-886.1	1 710.8	1988	1993-10 GPP
277	4.93	0.180	0.34	0.77	115	887	53	15 194	-843.6	1 652.0	1981	1998-12 GPP
500	7.20	0.165	0.33	0.85	40	945	51	15 196	-823.5	1 585.3	1984	1994-12 GPP
48	6.17	0.190	0.20	0.83	60	950	51	12 077	-797.8	1 536.3	1986	1988-04 GPP
64	5.00	0.090	0.40	0.87	100	885	50	15 888	-822.5	1 620.6	1985	1986-01 ABAND 1987
16	1.69	0.200	0.38	0.85	54	950	52	16 070	-835.6	1 656.7	1987	1994-01 ABAND 1993
16	10.00	0.130	0.40	0.84	70	844	47	10 874	-771.8	1 577.5	1984	1992-10
64	6.16	0.120	0.30	0.80	74	887	82	14 841	-1 106.1	1 880.3	1977	1994-11 ABAND 1993
64	1.80	0.160	0.20	0.89	70	882	32	7 456	-122.0	1 057.4	1977	1987-12 ABAND 1988
64	1.20	0.190	0.22	0.89	46	876	32	5 360	-109.6	1 023.4	1991	1992-05 GPP
64	15.41	0.200	0.45	0.85	60	873	52	8 991	-626.7	1 489.6	1969	1998-12 GPP
128	6.83	0.180	0.43	0.85	52	873	49	8 916	-640.2	1 520.0	1982	1998-12 GPP
32	2.90	0.170	0.48	0.87	42	887	70	8 950	-621.5	1 494.5	1990	1994-11 ABAND 1994

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
TROCHU 033-22W4 (CONTINUED)								
FIELD TOTAL	1 755.4			48.3		48.3	48.3	4
TROUT 090-03W5								
KEG RIVER A	2 401.0	0.25		600.0		600.0	430.0	170.0
KEG RIVER C	815.0	0.25		204.0		204.0	188.9	15.1
KEG RIVER D	70.7	<0.01		0.4		0.4	0.4	
KEG RIVER F	80.8	<0.01		0.1		0.1		0.1
KEG RIVER G	121.0	<0.03		3.1		3.1	3.1	
KEG RIVER H	132.0	<0.01		0.1		0.1	0.1	
KEG RIVER J	180.0	0.55		99.0		99.0	84.4	14.6
KEG RIVER K	566.0	0.35		198.0		198.0	133.0	65.0
KEG RIVER N	2 019.0	0.28		565.0		565.0	474.3	90.7
KEG RIVER O	54.4	<0.10		5.0		5.0	5.0	
KEG RIVER P	1 589.0	0.20		318.0		318.0	263.7	54.3
KEG RIVER R	47.9	<0.14		6.6		6.6	6.6	
KEG RIVER S	46.4	0.20		9.3		9.3	8.4	0.9
KEG RIVER T	34.7	<0.02		0.6		0.6	0.6	
KEG RIVER U	61.2	<0.04		2.1		2.1	2.1	
KEG RIVER V	34.6	<0.20		6.9		6.9	6.2	0.7
KEG RIVER W	228.0	0.23		52.4		52.4	40.9	11.5
KEG RIVER X	39.1	<0.09		3.4		3.4	3.4	
KEG RIVER Z	94.5	0.25		23.6		23.6	20.2	3.4
KEG RIVER AA	121.0	0.10		12.1		12.1	8.6	3.5
KEG RIVER DD	400.0	0.30		120.0		120.0	93.0	27.0
KEG RIVER EE	85.9	<0.09		7.6		7.6	7.6	
KEG RIVER FF	79.9	0.25		20.0		20.0	18.7	1.3
KEG RIVER GG	20.1	<0.05		0.9		0.9	0.9	
KEG RIVER II	41.0	<0.06		2.4		2.4	2.4	
KEG RIVER JJ	72.1	<0.01		0.4		0.4	0.4	
KEG RIVER KK	34.8	<0.02		0.4		0.4	0.4	
KEG RIVER LL	1 174.0	0.20		235.0		235.0	95.5	139.5
KEG RIVER MM	39.7	0.25		9.9		9.9	0.9	9.0
KEG RIVER-	1 523.0	0.13		198.0		198.0	189.7	8.3
GRANITE WASH A								
KEG RIVER-	1 470.0	0.35		515.0		515.0	475.3	39.7
GRANITE WASH B								
FIELD TOTAL	13 676.8			3 219.3		3 219.3	2 564.7	654.6
TURIN 010-18W4								
FISH SCALE B	24.5	<0.06		1.4		1.4	1.4	
UPPER MANNVILLE B	386.0	0.05		19.3		19.3	16.4	2.9
UPPER MANNVILLE C	2 060.0	0.35		721.0		721.0	630.9	90.1
UPPER MANNVILLE H	2 601.0			650.0	234.0	884.0	672.1	211.9
TOTAL								
PRIMARY AREA	201.0	0.25		50.3		50.3		
WATER FLOOD AREA	2 400.0	0.25	0.09	600.0	234.0	834.0		
UPPER MANNVILLE I	29.9	0.02		0.6		0.6	0.6	
UPPER MANNVILLE J	1 110.0	0.13		144.0		144.0	127.0	17.0
UPPER MANNVILLE L	51.5	0.15		7.7		7.7	5.7	2.0
UPPER MANNVILLE N	533.0	0.20		107.0		107.0	90.6	16.4
UPPER MANNVILLE P	261.0	0.15		39.2		39.2	21.2	18.0
UPPER MANNVILLE Q	91.1	0.10		9.1		9.1	2.3	6.8
UPPER MANNVILLE R	84.2	0.17		14.3		14.3	13.4	0.9
UPPER MANNVILLE T	278.0	0.15		41.7		41.7	22.7	19.0
UPPER MANNVILLE U	246.0	0.10		24.6		24.6	15.4	9.2
LOWER MANNVILLE B	198.0	<0.02		3.3		3.3	3.3	
LOWER MANNVILLE E	2 039.0	0.20		408.0		408.0	348.6	59.4
LOWER MANNVILLE G	72.8	<0.05		3.1		3.1	3.1	
LOWER MANNVILLE H	731.0	0.02		14.6		14.6	12.7	1.9
LOWER MANNVILLE L	1 435.0	0.25		359.0		359.0	282.0	77.0
LOWER MANNVILLE M	218.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	81.3	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE O	23.2	<0.04		0.7		0.7	0.7	
LOWER MANNVILLE P	96.3	0.15		14.4		14.4	3.1	11.3
LOWER MANNVILLE V	258.0	<0.09		21.9		21.9	21.9	
LOWER MANNVILLE X	113.0	<0.11		11.4		11.4	11.4	
LOWER MANNVILLE BB	96.8	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE CC	1 032.0	0.10		103.0		103.0	78.7	24.3
LOWER MANNVILLE DD	224.0	0.11		24.6		24.6	23.3	1.3
LOWER MANNVILLE HH	89.2	0.10		8.9		8.9	6.7	2.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 586	2.74	0.090	0.34	0.93	23	835	39	13 430	-673.0	1 368.7	1984	1994-07 GPP
431	3.97	0.080	0.36	0.93	38	834	39	13 932	-687.8	1 462.3	1985	1993-10 GPP
64	3.04	0.071	0.45	0.93	38	827	39	13 875	-684.7	1 443.6	1985	1989-12 ABAND 1990
64	2.42	0.092	0.39	0.93	23	832	39	12 877	-663.8	1 291.8	1986	1989-12
50	4.25	0.090	0.32	0.93	23	847	39	13 959	-696.8	1 484.5	1986	1996-07 GPP
64	3.10	0.115	0.38	0.93	23	843	39	13 691	-683.5	1 427.0	1985	1988-12 ABAND 1990
64	6.55	0.066	0.30	0.93	23	835	39	14 019	-703.4	1 485.4	1987	1997-12 GPP
128	7.05	0.095	0.29	0.93	23	830	39	13 938	-699.7	1 431.4	1987	1987-09 GPP
384	8.78	0.087	0.26	0.93	23	835	39	14 007	-706.7	1 456.1	1986	1998-12
16	8.26	0.079	0.44	0.93	23	842	39	13 932	-701.1	1 447.2	1987	1994-11 GPP
512	4.88	0.090	0.24	0.93	23	830	39	14 269	-726.5	1 466.6	1987	1994-12
16	4.50	0.110	0.35	0.93	23	830	39	14 422	-743.4	1 481.4	1987	1994-11 ABAND 1998
32	3.95	0.068	0.42	0.93	23	820	39	14 112	-712.0	1 455.0	1987	1994-11 GPP
16	4.50	0.081	0.36	0.93	23	823	39	14 064	-711.4	1 447.4	1987	1994-11 GPP
16	6.30	0.096	0.32	0.93	23	835	39	14 020	-708.0	1 457.7	1987	1996-07 GPP
32	3.60	0.049	0.34	0.93	23	823	39	13 300	-701.0	1 488.2	1987	1994-11 GPP
64	8.40	0.060	0.24	0.93	23	823	39	13 724	-694.3	1 458.4	1987	1997-12 GPP
32	3.10	0.080	0.47	0.93	23	840	39	13 286	-672.0	1 425.6	1986	1996-07 GPP
32	5.19	0.090	0.32	0.93	23	835	39	13 061	-730.1	1 468.0	1989	1994-11 GPP
32	9.60	0.070	0.38	0.91	32	824	39	14 948	-730.9	1 467.9	1990	1993-12 GPP
282	3.25	0.070	0.33	0.93	23	835	39	13 571	-745.1	1 463.5	1991	1996-04 GPP
32	7.50	0.070	0.45	0.93	23	835	39	11 125	-693.8	1 469.2	1991	1996-07 GPP
32	5.50	0.080	0.39	0.93	23	830	39	11 093	-689.7	1 470.8	1992	1995-12 GPP
16	2.60	0.080	0.35	0.93	23	835	39	13 954	-699.2	1 443.2	1985	1996-07 GPP
16	5.30	0.080	0.35	0.93	23	835	39	13 416	-671.2	1 366.0	1993	1996-07 ABAND 1997
32	3.50	0.100	0.30	0.92	26	821	41	10 843	-723.5	1 489.0	1993	1996-05 ABAND 1996
16	6.00	0.060	0.35	0.93	23	835	39	11 855	-701.2	1 417.4	1993	1996-07 GPP
525	4.11	0.090	0.35	0.93	23	835	39	10 497	-724.9	1 464.7	1993	1998-12 GPP
16	3.50	0.110	0.30	0.92	26	821	41	13 095	-734.5	1 452.8	1995	1996-10 GPP
256	14.00	0.070	0.34	0.92	23	831	39	14 085	-711.4	1 490.1	1987	1992-12 GPP
515	5.93	0.075	0.31	0.93	23	834	39	13 813	-688.4	1 463.6	1986	1988-10 GPP
16	1.22	0.220	0.40	0.95	20	881	27	4 398	136.8	684.6	1975	1996-07 ABAND 1997
128	2.71	0.190	0.31	0.85	63	904	31	11 469	-212.4	1 079.3	1973	1996-08 GPP
280	4.62	0.240	0.21	0.84	72	881	32	11 305	-195.8	996.1	1974	1992-08
432					68	869	31	11 262	-199.2	1 010.9	1980	1994-08
32	6.54	0.180	0.38	0.86								GPP
400	5.37	0.200	0.35	0.86								GPP
16	2.50	0.150	0.42	0.86	70	869	31	10 850	-187.6	987.0	1983	1992-12 GPP
160	8.84	0.160	0.43	0.86	68	831	31	10 910	-186.6	975.8	1982	1997-12 GPP
64	0.90	0.160	0.35	0.86	68	831	31	10 874	-193.6	1 023.0	1983	1997-12 GPP
128	4.14	0.190	0.37	0.84	72	866	32	10 886	-230.6	1 096.4	1979	1994-12 GPP
16	13.53	0.200	0.30	0.86	68	832	31	9 872	-217.9	1 077.1	1992	1993-01 GPP
16	4.60	0.200	0.28	0.86	68	832	31	9 639	-226.7	1 087.7	1992	1992-09
32	1.50	0.240	0.15	0.86	68	832	31	9 803	-207.9	1 066.3	1992	1997-12 GPP
32	7.40	0.200	0.30	0.84	72	866	32	9 015	-231.3	1 103.7	1993	1996-07 GPP
61	3.13	0.220	0.31	0.85	73	896	33	9 711	-235.4	1 108.9	1995	1997-05 GPP
100	1.80	0.190	0.32	0.85	62	881	36	10 871	-222.2	1 069.5	1961	1996-07
394	4.50	0.190	0.32	0.89	65	887	32	12 160	-231.0	1 096.7	1973	1997-12 GPP
64	1.52	0.160	0.45	0.85	33	876	66	12 195	-226.8	1 072.1	1961	1982-12
192	3.15	0.210	0.33	0.86	85	881	38	11 034	-215.7	1 053.1	1974	1989-11 GPP
395	3.80	0.180	0.41	0.90	38	893	32	11 339	-191.0	990.1	1974	1997-03 GPP
65	3.96	0.180	0.50	0.94	25	940	32	10 605	-206.4	1 025.7	1974	1982-12
32	2.44	0.180	0.35	0.89	53	887	32	10 874	-208.8	1 008.6	1975	1978-07
16	2.16	0.120	0.35	0.86	59	898	34	11 332	-214.0	1 047.0	1976	1996-07 GPP
64	1.76	0.150	0.40	0.95	21	930	33	11 374	-211.1	1 036.5	1977	1995-04
218	1.30	0.170	0.37	0.85	110	880	37	11 793	-238.3	1 102.6	1979	1996-07 GPP
155	0.75	0.150	0.28	0.90	38	889	32	11 206	-204.0	1 011.3	1981	1996-07 ABAND 1996
16	3.70	0.210	0.18	0.95	20	956	33	11 016	-209.0	1 000.2	1981	1993-03 ABAND 1992
487	2.03	0.200	0.40	0.87	60	871	31	11 276	-217.6	1 013.4	1980	1998-12 GPP
121	1.50	0.200	0.30	0.88	45	866	49	11 322	-224.8	1 020.4	1980	1996-12 GPP
64	1.50	0.180	0.40	0.86	62	887	32	11 417	-212.2	1 052.2	1974	1983-06 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
TURIN 010-18W4 (CONTINUED)								
LOWER MANNVILLE II TOTAL	1 550.0			188.0	105.0	293.0	257.3	* 35.7
PRIMARY AREA	500.0	0.06		30.0		30.0		
WATER FLOOD AREA	1 050.0	0.15	0.10	158.0	105.0	263.0		
LOWER MANNVILLE KK	70.2	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE LL	348.0	0.04		13.9		13.9	12.1	1.8
LOWER MANNVILLE OO	48.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE PP	57.4	<0.07		3.9		3.9	3.9	
LOWER MANNVILLE QO	64.3	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE RR	57.0	0.15		8.6		8.6	7.8	0.8
LOWER MANNVILLE SS	86.5	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE TT	470.0	0.13		61.1		61.1	54.8	6.3
LOWER MANNVILLE EE, FF & GG	667.0	0.20		133.0		133.0	130.4	2.6
LOWER MANNVILLE NN & III	138.0	0.10		13.8		13.8	9.0	4.8
LOWER MANNVILLE AAA	133.0	0.10		13.3		13.3	13.3	
LOWER MANNVILLE BBB	661.0	0.30		198.0		198.0	150.7	47.3
LOWER MANNVILLE CCC	102.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FFF	198.0	0.05		9.9		9.9	9.3	0.6
LOWER MANNVILLE KKK	89.9	0.10		9.0		9.0	5.9	3.1
LOWER MANNVILLE LLL	88.8	0.04		3.6		3.6	2.1	1.5
LOWER MANNVILLE NNN	488.0	0.10		48.8		48.8	34.4	14.4
LOWER MANNVILLE OOO	239.0	0.04		9.6		9.6	6.7	2.9
LOWER MANNVILLE UUU	233.0	0.43		100.0		100.0	81.8	18.2
LOWER MANNVILLE XXX	36.8	0.20		7.4		7.4	4.4	3.0
LOWER MANNVILLE YYY	203.0	<0.05		9.3		9.3	9.3	
LOWER MANNVILLE B2B	650.0	0.10		65.0		65.0	53.2	11.8
LOWER MANNVILLE C2C	26.0	0.25		6.5		6.5	4.5	2.0
LOWER MANNVILLE D2D	75.5	<0.03		2.1		2.1	2.1	
LOWER MANNVILLE E2E	52.9	0.20		10.6		10.6	9.5	1.1
LOWER MANNVILLE F2F	31.0	0.30		9.3		9.3	8.2	1.1
LOWER MANNVILLE G2G	316.0	0.30		94.8		94.8	41.2	53.6
LOWER MANNVILLE K2K	24.0	0.20		4.8		4.8	3.4	1.4
LOWER MANNVILLE M2M	80.6	0.10		8.1		8.1	3.2	4.9
LOWER MANNVILLE P2P	38.2	<0.09		3.3		3.3	3.3	
LOWER MANNVILLE R2R	80.0	0.10		8.0		8.0	3.3	4.7
LOWER MANNVILLE S2S	28.0	0.20		5.6		5.6	3.3	2.3
LOWER MANNVILLE T2T	87.4	0.20		17.5		17.5	4.5	13.0
LOWER MANNVILLE U2U	639.0	0.20		128.0		128.0	24.3	103.7
LOWER MANNVILLE X2X	10.4	0.15		1.6		1.6	0.8	0.8
LOWER MANNVILLE MM	870.0	<0.18		152.0		152.0	98.3	53.7
& SAWTOOTH A								
LOWER MANNVILLE N2N & SAWTOOTH D	34.0	0.20		6.8		6.8	3.6	3.2
SAWTOOTH B	48.8	0.03		1.5		1.5	1.5	
SAWTOOTH C	120.0	0.23		27.6		27.6	25.4	2.2
SAWTOOTH E	14.4	0.25		3.6		3.6	3.2	0.4
LIVINGSTONE A	437.0	0.40		175.0		175.0	159.5	15.5
LIVINGSTONE B	39.8	<0.01		0.1		0.1	0.1	
LIVINGSTONE H	118.0	0.15		17.7		17.7	1.7	16.0
FIELD TOTAL *	24 314.1			4 336.9	339.0	4 675.9	3 669.9	1 006.0
TURNER VALLEY 020-03W5								
CARDIUM A	266.0	0.02		5.3		5.3	2.7	2.6
BLAIRMORE GG	73.2	<0.02		1.3		1.3	1.3	
BLAIRMORE HH	293.0	<0.02		3.8		3.8	3.8	
BLAIRMORE A & B	202.0	0.03		6.1		6.1	5.7	0.4
BLAIRMORE C & FF	90.7	<0.02		1.8		1.8	1.8	
RUNDLE WATER FLOOD	159 000.0	<0.14	0.02	21 760.0	3 180.0	24 940.0	23 516.5	1 423.5
RUNDLE B	355.0	0.03		10.7		10.7	4.4	6.3
RUNDLE D	262.0	<0.02		3.8		3.8	3.8	
SHALLOW	715.0	0.09		64.4		64.4	64.4	
FIELD TOTAL	161 256.9			21 857.2	3 180.0	25 037.2	23 604.4	1 432.8
TWINING 031-24W4								
UPPER MANNVILLE B	143.0	<0.01		1.0		1.0	1.0	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
473					87	887	35	11 689	-228.0	1 064.0	1973	1998-01
200	2.62	0.190	0.38	0.81								
273	4.03	0.190	0.38	0.81								
64	1.70	0.150	0.50	0.86								GPP
64	5.40	0.180	0.31	0.81	62	887	32	10 608	-213.0	1 058.5	1983	1989-12 ABAND 1990
32	2.00	0.120	0.30	0.90	86	817	35	11 608	-223.8	1 073.2	1983	1996-08 GPP
16	2.00	0.240	0.17	0.90	38	892	32	11 181	-203.5	1 007.5	1984	1984-11 ABAND 1987
16	2.50	0.220	0.15	0.86	38	892	32	11 070	-197.1	994.6	1984	1996-07 GPP
64	0.92	0.150	0.25	0.86	62	887	32	11 278	-239.9	1 089.5	1984	1996-07 GPP
32	2.00	0.190	0.21	0.90	38	892	32	11 408	-210.9	1 010.3	1984	1987-12 GPP
161	2.77	0.180	0.35	0.90	38	893	32	11 146	-199.5	1 006.0	1985	1985-08 ABAND 1986
128	3.63	0.190	0.16	0.90	68	889	30	11 203	-203.0	1 008.3	1969	1996-08 GPP
												1991-12 GPP
32	2.75	0.240	0.23	0.85	86	887	35	11 150	-224.8	1 069.4	1984	1995-03 GPP
64	1.96	0.190	0.38	0.90	38	892	32	11 215	-221.5	1 067.7	1982	1996-07 GPP
358	2.50	0.160	0.43	0.81	86	890	35	11 192	-218.4	1 075.0	1983	1997-12 GPP
64	1.30	0.190	0.28	0.90	38	892	37	11 845	-206.0	1 013.2	1985	1992-10 ABAND 1992
128	2.06	0.160	0.42	0.81	86	890	35	11 776	-231.7	1 016.3	1986	1989-04 GPP
64	1.70	0.170	0.40	0.81	86	890	35	11 871	-208.7	978.8	1988	1991-12 GPP
32	2.00	0.200	0.27	0.95	17	880	29	11 617	-219.4	1 073.0	1988	1996-08 GPP
191	2.93	0.190	0.44	0.82	84	887	32	10 393	-214.3	1 017.9	1988	1990-06 GPP
64	3.50	0.200	0.35	0.82	84	887	32	10 847	-211.5	1 002.8	1988	1996-08 GPP
144	2.30	0.150	0.42	0.81	86	891	35	10 891	-231.2	1 098.3	1980	1997-12 GPP
16	2.40	0.190	0.44	0.90	38	902	32	10 635	-200.8	1 004.0	1990	1991-01 GPP
64	3.50	0.170	0.35	0.82	84	887	32	10 870	-214.4	1 066.6	1979	1996-01 ABAND 1995
222	3.46	0.180	0.42	0.81	87	887	35	11 049	-217.5	1 030.5	1985	1992-05 GPP
16	2.00	0.180	0.45	0.82	84	887	32	10 425	-230.7	1 091.1	1991	1993-12 GPP
16	4.27	0.210	0.44	0.94	19	886	43	11 668	-228.3	1 052.8	1975	1993-09 GPP
16	4.00	0.170	0.40	0.81	83	890	35	10 080	-230.8	1 089.1	1968	1993-10 GPP
32	1.28	0.170	0.45	0.81	84	887	32	9 795	-228.1	1 093.1	1994	1996-03 GPP
100	4.10	0.170	0.44	0.81	84	887	32	10 169	-237.4	1 095.9	1994	1997-02 GPP
32	0.60	0.200	0.29	0.88	54	866	31	11 203	-220.1	1 012.2	1995	1996-02 GPP
32	2.40	0.200	0.36	0.82	84	887	32	9 714	-211.0	1 031.6	1995	1996-04 GPP
8	3.40	0.220	0.29	0.90	48	883	32	9 163	-236.1	1 095.7	1996	1998-12 GPP
16	5.00	0.200	0.39	0.82	84	887	32	9 617	-244.2	1 106.5	1996	1997-08 GPP
32	0.80	0.180	0.25	0.81	83	890	35	8 946	-199.4	995.8	1996	1996-11 GPP
16	3.00	0.230	0.12	0.90	40	869	32	9 125	-201.5	993.5	1996	1996-11 GPP
263	2.00	0.220	0.38	0.89	50	877	32	9 781	-213.7	1 043.9	1996	1998-05 GPP
16	0.70	0.190	0.44	0.87	127	882	32			1 076.7	1997	1998-03 GPP
316	2.47	0.180	0.28	0.86	62	887	32	11 698	-244.2	1 095.4	1984	1995-07 GPP
16	2.20	0.185	0.42	0.90	40	868	32	11 506	-220.7	1 011.1	1995	1996-07 GPP
16	2.90	0.220	0.45	0.87	53	875	28	10 675	-226.8	1 020.7	1990	1995-07 ABAND 1994
32	3.00	0.210	0.30	0.85	66	875	29	11 496	-242.9	1 101.5	1993	1997-12 GPP
32	0.60	0.170	0.50	0.88	57	887	32	10 829	-254.0	1 103.3	1995	1996-07 GPP
200	2.10	0.180	0.32	0.85	63	887	42	11 393	-225.3	1 082.1	1987	1995-12 GPP
64	3.00	0.050	0.50	0.83	83	842	29	11 861	-242.2	1 022.0	1986	1991-09 ABAND 1991
24	7.09	0.110	0.30	0.90	48	898	32		-222.8	1 056.2	1997	1998-09
64	6.40	0.090	0.15	0.85	50	808	77	9 789	-816.7	2 094.1	1988	1998-12 GPP
32	4.00	0.110	0.20	0.65	117	784	56	10 535	167.7	1 040.9	1945	1994-10 ABAND 1996
16	32.00	0.110	0.20	0.65	117	784	56	11 727	-35.8	1 244.3	1945	1994-10 ABAND 1996
16	16.76	0.117	0.12	0.73	83	806	52	5 321	-115.2	1 363.4	1975	1993-12 GPP
65	2.44	0.110	0.20	0.65	117	784	56	12 902	-236.5	1 522.5	1976	1982-12 GPP
6 763	47.55	0.082	0.10	0.67	148	825	60	18 509	-971.1	2 226.2	1917	1994-12 GPP
64	28.50	0.044	0.34	0.67	146	824	66	27 055	-1 856.9	3 093.6	1981	1985-12 GPP
16	44.87	0.065	0.25	0.75	112	825	71	24 851	-1 898.3	3 175.7	1969	1992-11 ABAND 1986
					80	811	41			1 460.0	1910	1996-07 GPP
64	2.46	0.170	0.35	0.82	80	839	36	10 390	-702.2	1 577.0	1974	1977-05 ABAND 1977

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
TWINING 031-24W4 (CONTINUED)								
UPPER MANNVILLE H WATER FLOOD	737.0	0.20	0.15	147.0	111.0	258.0	148.2	109.8
GLAUCONITIC A	50.4	<0.03		1.3		1.3	1.3	
GLAUCONITIC B	75.4	<0.01		0.1		0.1	0.1	
GLAUCONITIC C	249.0	0.10		24.9		24.9	2.0	22.9
LOWER MANNVILLE B WATER FLOOD	1 810.0	<0.07	0.18	118.0	326.0	444.0	423.6	20.4
LOWER MANNVILLE C	123.0	0.07		8.6		8.6	8.6	
LOWER MANNVILLE F	100.0	0.14		14.0		14.0	12.9	1.1
LOWER MANNVILLE G	236.0	0.15		35.4		35.4	33.3	2.1
LOWER MANNVILLE H	194.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	295.0	0.10		29.5		29.5	26.4	3.1
LOWER MANNVILLE M	95.9	0.07		6.7		6.7	2.8	3.9
LOWER MANNVILLE N	215.0	0.10		21.5		21.5	14.7	6.8
LOWER MANNVILLE O	323.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE P	281.0	0.20		56.2		56.2	51.5	4.7
LOWER MANNVILLE Q	209.0	0.05		10.5		10.5	4.3	6.2
LOWER MANNVILLE U	140.0	0.15		21.0		21.0	20.6	0.4
LOWER MANNVILLE V	40.0	<0.09		3.3		3.3	3.3	
LOWER MANNVILLE Z	28.3	0.10		2.8		2.8	1.5	1.3
RUNDLE E	117.0	<0.02		1.4		1.4	1.4	
RUNDLE F	91.3	<0.01		0.3		0.3	0.3	
RUNDLE G	118.0	<0.01		0.2		0.2	0.2	
RUNDLE H	160.0	<0.01		0.1		0.1	0.1	
RUNDLE I	39.5	<0.01		0.1		0.1	0.1	
RUNDLE J	40.2	<0.01		0.1		0.1	0.1	
RUNDLE M	226.0	<0.01		1.3		1.3	1.3	
LOWER MANNVILLE A & RUNDLE A	144 800.0	0.05		7 240.0		7 240.0	5 853.6	1 386.4
FIELD TOTAL	150 937.0			7 746.1	437.0	8 183.1	6 614.0	1 569.1
TWO CREEK 065-15W5								
JURASSIC B	766.0	0.10		76.6		76.6	6.2	70.4
FIELD TOTAL *	766.0			76.6		76.6	6.2	70.4
UTIKUMA LAKE 081-09W5								
SLAVE POINT A	197.0	0.10		19.7		19.7	12.1	7.6
SLAVE POINT B	67.1	<0.02		1.0		1.0	1.0	
SLAVE POINT C	128.0	<0.02		2.4		2.4	2.4	
SLAVE POINT D	184.0	<0.03		3.9		3.9	3.9	
SLAVE POINT E	106.0	<0.06		6.2		6.2	6.2	
SLAVE POINT F	105.0	<0.01		0.1		0.1	0.1	
SLAVE POINT G	55.5	<0.02		0.9		0.9	0.9	
SLAVE POINT H	214.0	0.20		42.8		42.8	34.7	8.1
SLAVE POINT I	73.6	0.20		14.7		14.7	6.7	8.0
SLAVE POINT J	223.0	0.05		11.2		11.2	8.1	3.1
SLAVE POINT K	177.0	<0.01		1.5		1.5	1.5	
GILWOOD D TOTAL	1 062.0			208.0	36.0	244.0	240.8	3.2
PRIMARY AREA	662.0	0.23		152.0		152.0		
WATER FLOOD AREA	400.0	<0.15	0.09	56.4	36.0	92.4		
GILWOOD E	84.3	<0.01		0.6		0.6	0.6	
GILWOOD F	60.7	0.20		12.1		12.1	3.7	8.4
KEG RIVER	20 000.0			9 149.0	51.4	9 200.0	8 514.5	685.5
SAND A TOTAL								
PRIMARY AREA	19 490.0	<0.47		9 046.0		9 046.0		
WATER FLOOD AREA	514.0	0.20	0.10	103.0	51.4	154.0		
KEG RIVER SAND H	185.0	0.25		46.3		46.3	42.7	3.6
KEG RIVER SAND I	995.0	0.50		498.0		498.0	410.8	87.2
KEG RIVER SAND M	1 220.0	0.30		366.0		366.0	339.7	26.3
KEG RIVER SAND N	6 727.0			2 578.0	122.0	2 700.0	2 498.5	201.5
TOTAL								
PRIMARY AREA	5 505.0	<0.37		2 028.0		2 028.0		
WATER FLOOD AREA	1 222.0	0.45	0.10	550.0	122.0	672.0		
KEG RIVER SAND O	220.0	<0.10		20.2		20.2	20.2	
KEG RIVER SAND P	296.0	<0.05		12.8		12.8	12.8	
KEG RIVER SAND R	247.0	0.35		86.4		86.4	76.9	9.5
KEG RIVER SAND S	365.0	0.35		128.0		128.0	101.0	27.0
KEG RIVER SAND T	459.0	0.40		184.0		184.0	170.1	13.9
KEG RIVER SAND U	1 166.0	0.30		350.0		350.0	251.4	98.6

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
134	4.46	0.186	0.20	0.83	51	887	42	10 317	-712.5	1 591.2	1981	1994-06 GPP
32	2.50	0.150	0.50	0.84	50	895	49	10 347	-705.2	1 568.8	1981	1995-11 ABAND 1995
64	1.80	0.140	0.45	0.85	54	895	41	10 457	-719.3	1 620.0	1973	1982-08 ABAND 1995
16	13.00	0.170	0.18	0.86	113	884	63			1 729.5	1997	1998-06 GPP
1 373	1.67	0.137	0.28	0.80	79	876	52	11 372	-705.2	1 581.4	1960	1996-12 GPP
32	3.33	0.180	0.22	0.82	53	887	59	10 689	-702.2	1 586.7	1970	1996-07 GPP
125	1.03	0.150	0.35	0.80	85	869	57	11 292	-745.8	1 630.6	1977	1997-12 GPP
64	4.00	0.150	0.25	0.82	78	886	53	11 624	-718.2	1 597.4	1980	1991-01 GPP
64	2.40	0.220	0.30	0.82	78	875	50	11 248	-739.7	1 626.7	1973	1983-12 ABAND 1990
128	3.11	0.140	0.34	0.80	80	873	50	10 687	-701.9	1 538.2	1965	1985-12 GPP
64	1.53	0.170	0.28	0.80	79	876	52	11 815	-708.5	1 537.6	1977	1997-05 GPP
64	2.80	0.200	0.25	0.80	74	883	50	9 790	-708.8	1 585.2	1980	1981-08 GPP
64	5.00	0.180	0.30	0.80	51	887	42	11 097	-732.7	1 624.5	1982	1988-11
110	2.15	0.200	0.30	0.85	66	865	61	9 641	-672.4	1 506.4	1961	1997-12 GPP
64	5.50	0.120	0.43	0.87	47	863	62	9 679	-681.0	1 515.2	1983	1990-04 GPP
70	2.30	0.130	0.23	0.87	74	875	50	10 816	-712.9	1 587.9	1987	1990-10 GPP
32	1.38	0.150	0.27	0.83	74	875	50	10 821	-697.6	1 575.7	1987	1996-07 GPP
16	1.86	0.150	0.28	0.88	42	904	70	10 166	-689.4	1 550.5	1977	1995-12 GPP
64	6.30	0.051	0.30	0.81	78	868	61	11 752	-812.7	1 731.3	1988	1995-02 ABAND 1994
64	5.80	0.050	0.40	0.82	72	869	59	12 067	-837.3	1 753.1	1978	1979-05
64	6.10	0.060	0.38	0.81	78	868	61	12 150	-853.6	1 767.5	1988	1988-10 ABAND 1988
64	7.10	0.070	0.38	0.81	78	868	61	12 064	-854.8	1 755.9	1989	1989-12 ABAND 1989
16	7.50	0.070	0.42	0.81	78	868	61	12 875	-835.1	1 734.0	1990	1996-07
16	13.10	0.060	0.61	0.82	66	876	61	12 697	-858.2	1 780.7	1991	1994-02 ABAND 1993
65	13.11	0.065	0.49	0.80	76	849	60	11 569	-855.5	1 837.3	1975	1977-12 GPP
31 053	12.56	0.063	0.29	0.83	66	876	61	11 275	-766.9	1 660.3	1952	1987-07 GPP
128	5.40	0.200	0.34	0.84	63	884	70	13 459	-737.9	1 717.4	1997	1997-09
64	6.50	0.080	0.35	0.91	28	843	49	12 603	-972.2	1 639.0	1982	1986-12 GPP
64	2.40	0.080	0.40	0.91	27	843	50	14 358	-965.7	1 632.6	1983	1989-12 ABAND 1988
64	6.10	0.060	0.40	0.91	28	843	48	12 580	-969.2	1 631.9	1983	1992-10 ABAND 1996
64	7.60	0.064	0.35	0.91	28	843	49	15 128	-970.7	1 635.9	1983	1996-05 ABAND 1996
64	4.00	0.070	0.35	0.91	27	840	51	16 792	-979.7	1 646.6	1984	1996-07 GPP
64	4.50	0.080	0.50	0.91	27	848	51	17 004	-985.9	1 672.9	1984	1989-12 ABAND 1990
32	4.00	0.070	0.32	0.91	27	848	51	16 682	-987.8	1 680.5	1984	1991-10 ABAND 1988
64	9.30	0.060	0.31	0.87	46	840	43	16 235	-950.1	1 646.6	1984	1997-12 GPP
64	4.20	0.050	0.34	0.83	67	837	43	15 826	-965.2	1 642.8	1983	1984-11 GPP
64	6.00	0.115	0.42	0.87	45	849	45	16 039	-891.0	1 545.5	1984	1992-07 GPP
64	5.85	0.080	0.35	0.91	28	843	49	15 694	-885.7	1 468.5	1975	1996-12 ABAND 1984
865					71	819	49	17 641	-1 065.4	1 725.2	1966	1994-12 GPP
609	1.46	0.130	0.31	0.83								
256	2.73	0.106	0.35	0.83								
64	1.24	0.160	0.20	0.83	62	830	48	14 056	-1 042.5	1 692.9	1977	1992-10
16	3.30	0.180	0.23	0.83	59	813	51	13 613	-1 084.1	1 747.6	1996	1997-10 GPP
4 398					65	820	49	18 270	-1 080.5	1 725.9	1963	1993-05
4 264	3.41	0.190	0.15	0.83								
134	3.63	0.175	0.29	0.85								
32	5.30	0.180	0.29	0.85	65	825	49	15 395	-1 085.0	1 742.1	1977	1996-12 GPP
150	6.13	0.190	0.33	0.85	65	820	49	15 087	-1 098.9	1 745.5	1977	1997-12
383	2.90	0.190	0.32	0.85	65	825	52	17 518	-1 072.5	1 729.2	1973	1996-07
914					65	820	49	15 446	-1 091.4	1 737.1	1976	1997-12
664	6.04	0.190	0.15	0.85								
250	4.83	0.170	0.30	0.85								
64	3.50	0.175	0.34	0.85	65	810	49	15 390	-1 083.7	1 754.8	1979	1996-07 GPP
64	5.29	0.145	0.29	0.85	65	824	48	16 693	-1 073.3	1 729.9	1979	1994-11 ABAND 1995
100	2.20	0.186	0.29	0.85	65	825	43	14 049	-1 091.9	1 740.3	1979	1993-12 GPP
128	2.74	0.180	0.32	0.85	59	820	45	15 012	-1 058.9	1 715.2	1980	1982-05 GPP
64	7.09	0.170	0.30	0.85	65	836	49	13 753	-1 098.2	1 739.2	1981	1995-12 GPP
244	4.66	0.180	0.33	0.85	58	827	50	16 013	-1 075.1	1 740.6	1980	1994-12

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
UTIKUMA LAKE 081-09W5 (CONTINUED)								
KEG RIVER SAND V	889.0	0.30		267.0		267.0	254.5	* 12.5
KEG RIVER SAND AA	201.0	0.30		60.3		60.3	21.0	39.3
KEG RIVER SAND DD	342.0	0.25		85.6		85.6	59.6	26.0
KEG RIVER SAND EE	644.0	0.30		193.0		193.0	137.9	55.1
KEG RIVER SAND GG	39.5	<0.01		0.1		0.1	0.1	
KEG RIVER SAND HH	67.9	<0.03		1.4		1.4	1.4	
KEG RIVER SAND II	180.0	0.15		27.0		27.0	25.3	1.7
KEG RIVER SAND JJ	65.6	0.15		9.8		9.8	3.5	6.3
KEG RIVER SAND KK	190.0	<0.18		32.4		32.4	32.4	
KEG RIVER SAND MM	872.0	0.35		305.0		305.0	255.4	49.6
KEG RIVER SAND OO	31.4	<0.13		4.0		4.0	4.0	
KEG RIVER SAND QO	220.0	<0.32		68.8		68.8	68.8	
KEG RIVER SAND SS	52.4	0.27		14.1		14.1	13.0	1.1
KEG RIVER SAND TT	91.9	0.20		18.4		18.4	7.9	10.5
KEG RIVER SAND UU	66.5	0.15		10.0		10.0	4.3	5.7
KEG RIVER SAND VV	38.3	<0.02		0.5		0.5	0.5	
KEG RIVER SAND WW	16.9	<0.12		1.9		1.9	1.9	
KEG RIVER SAND XX	46.6	0.40		18.6		18.6	18.1	0.5
KEG RIVER SAND YY	88.4	0.30		26.5		26.5	14.2	12.3
KEG RIVER SAND ZZ	86.4	0.20		17.3		17.3	4.0	13.3
KEG RIVER SAND AAA	453.0	0.35		159.0		159.0	50.0	109.0
KEG RIVER SAND BBB	375.0	0.20		75.0		75.0	54.4	20.6
KEG RIVER SAND CCC	39.1	0.25		9.8		9.8	6.6	3.2
KEG RIVER SAND DDD	140.0	0.30		42.0		42.0	7.9	34.1
KEG RIVER SAND EEE	140.0	0.40		56.0		56.0	40.0	16.0
KEG RIVER SAND FFF	119.0	0.30		35.7		35.7	4.2	31.5
KEG RIVER SAND GGG	13.4	0.25		3.4		3.4	0.4	3.0
FIELD TOTAL	40 126.5			15 286.4	209.4	15 495.4	13 852.6	1 642.8
VALHALLA 075-10W6								
DOE CREEK I TOTAL	41 980.0			3 418.0	5 792.0	9 210.0	6 909.2	2 300.8
PRIMARY AREA	18 020.0	0.07		1 261.0		1 261.0		
WATER FLOOD AREA	23 960.0	<0.10	0.24	2 157.0	5 792.0	7 949.0		
DOE CREEK K	336.0	0.10		33.6		33.6	25.7	7.9
DOE CREEK L	814.0	0.05		40.7		40.7	39.1	1.6
DOE CREEK M	618.0	0.10		61.8		61.8	30.5	31.3
DOE CREEK N	157.0	0.13		20.4		20.4	14.0	6.4
DOE CREEK O	144.0	0.05		7.2		7.2	3.2	4.0
DOE CREEK V	2 499.0	0.20	0.18	500.0	450.0	950.0	647.6	302.4
WATER FLOOD								
DOE CREEK Y	288.0	0.15		43.2		43.2	39.3	3.9
DOE CREEK AA	84.6	<0.01		0.1		0.1	0.1	
DOE CREEK EE	114.0	0.10		11.4		11.4	1.0	10.4
DOE CREEK T,U & BB	4 370.0			297.0	525.0	822.0	526.0	296.0
TOTAL								
PRIMARY AREA	869.0	0.10		86.9		86.9		
WATER FLOOD AREA	3 501.0	0.06	0.15	210.0	525.0	735.0		
BLUESKY N	148.0	0.18		26.6		26.6	17.5	9.1
GETHING C	68.6	<0.02		0.9		0.9	0.9	
CHARLIE LAKE C	44.7	0.25		11.2		11.2	8.8	2.4
CHARLIE LAKE D	103.0	<0.07		6.8		6.8	6.8	
CHARLIE LAKE H	3 076.0	0.07		215.0		215.0	204.3	10.7
CHARLIE LAKE I	322.0	0.07		22.5		22.5	16.5	6.0
CHARLIE LAKE J	138.0	<0.06		7.4		7.4	7.4	
CHARLIE LAKE K	94.5	0.22		20.8		20.8	20.8	
CHARLIE LAKE L	120.0	0.15		18.0		18.0	8.4	9.6
CHARLIE LAKE M	326.0	0.05		16.3		16.3	11.4	4.9
CHARLIE LAKE O	99.6	0.15		14.9		14.9	8.5	6.4
CHARLIE LAKE P	153.0	<0.01		0.9		0.9	0.9	
CHARLIE LAKE Q	50.3	<0.01		0.3		0.3	0.3	
BOUNDARY B	2 170.0	0.10		217.0		217.0	163.9	53.1
BOUNDARY D	557.0	0.20		111.0		111.0	106.9	4.1
BOUNDARY F	83.5	<0.02		1.2		1.2	1.2	
BOUNDARY H	377.0	0.10		37.7		37.7	34.1	3.6
BOUNDARY I	415.0	0.20		83.0		83.0	74.3	8.7
BOUNDARY J	138.0	0.15		20.7		20.7	13.4	7.3
BOUNDARY K	8.6	<0.05		0.4		0.4	0.4	
BOUNDARY L	41.7	<0.06		2.4		2.4	2.4	
BOUNDARY M TOTAL	1 100.0			194.0	127.0	321.0	219.7	101.3
PRIMARY AREA	254.0	0.10		25.4		25.4		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
313	2.73	0.180	0.32	0.85	65	825	49	16 429	-1 071.1	1 735.6	1979	1992-07 GPP
128	1.52	0.190	0.36	0.85	57	820	44	12 733	-1 097.2	1 746.7	1983	1995-12 GPP
64	4.32	0.230	0.36	0.84	78	822	50	12 558	-1 070.0	1 732.3	1988	1989-10
262	2.50	0.180	0.35	0.84	67	830	41	17 185	-1 053.4	1 731.5	1978	1992-03
64	1.20	0.110	0.45	0.85	65	844	52	12 760	-1 101.7	1 744.2	1984	1985-05 ABAND 1985
64	3.20	0.060	0.35	0.85	55	825	45	15 348	-1 078.5	1 744.5	1980	1983-09 ABAND 1987
64	3.30	0.152	0.30	0.80	78	824	50	16 785	-1 045.1	1 743.5	1988	1995-12 GPP
16	4.40	0.168	0.34	0.84	65	822	49	11 435	-1 111.4	1 774.3	1988	1996-12
64	3.90	0.180	0.47	0.80	78	845	50	13 194	-1 081.1	1 730.8	1987	1998-12 GPP
256	3.12	0.200	0.35	0.84	78	824	50	14 173	-1 069.9	1 730.3	1983	1995-09
32	1.50	0.140	0.40	0.78	78	824	50	15 435	-1 075.3	1 740.7	1991	1996-07 GPP
45	3.84	0.220	0.32	0.85	65	800	49	15 394	-1 084.4	1 727.9	1983	1998-12
64	1.30	0.150	0.50	0.84	65	822	49	11 043	-1 071.6	1 717.7	1993	1997-12 GPP
32	4.00	0.150	0.43	0.84	65	822	49	11 171	-1 076.3	1 733.7	1993	1994-10 GPP
32	3.30	0.150	0.50	0.84	65	822	49	14 029	-1 072.6	1 746.4	1993	1994-08 GPP
16	3.80	0.150	0.50	0.84	65	822	49	15 420	-1 073.7	1 757.4	1993	1996-07 GPP
16	0.90	0.190	0.23	0.80	78	824	50	11 163	-1 079.6	1 734.2	1993	1996-07 GPP
16	3.10	0.170	0.35	0.85	58	780	50	15 327	-1 070.1	1 730.1	1982	1995-01 GPP
35	2.37	0.190	0.34	0.85	58	780	50	11 191	-1 075.7	1 737.0	1993	1995-03
32	2.80	0.180	0.33	0.80	76	825	56	14 953	-1 080.5	1 749.0	1995	1997-03 GPP
54	5.90	0.220	0.24	0.85	58	780	50	9 427	-1 064.0	1 721.0	1995	1995-12
111	2.51	0.210	0.20	0.80	54	828	71	15 486	-1 096.7	1 742.4	1995	1997-04 GPP
32	1.50	0.170	0.43	0.84	65	822	49	10 292	-1 075.0	1 731.1	1995	1997-12
32	5.00	0.190	0.46	0.85	80	830	47	12 563	-1 070.6	1 732.2	1996	1997-03 GPP
88	1.24	0.200	0.20	0.80	40	825	71	8 641	-1 096.7	1 747.5	1996	1997-04 GPP
32	2.60	0.200	0.15	0.84	65	822	49		-1 097.1	1 745.2	1996	1997-06 GPP
16	0.70	0.210	0.32	0.84	65	823	49		-1 069.5	1 740.5	1996	1997-07 GPP
13 640					19	858	29	3 240	141.2	698.7	1977	1998-07
8 090	2.06	0.230	0.50	0.94								
5 550	3.68	0.240	0.48	0.94								
128	2.15	0.240	0.44	0.91	22	845	28	3 948	117.0	722.0	1984	1987-03 GPP
332	2.21	0.200	0.37	0.88	49	840	24	5 232	116.4	709.1	1978	1991-01
382	1.40	0.190	0.36	0.95	18	834	24	4 734	233.1	643.5	1985	1994-03 GPP
128	1.05	0.190	0.30	0.88	43	840	27	4 575	212.2	571.9	1983	1998-12 GPP
64	2.10	0.200	0.43	0.94	22	840	29	4 131	196.0	717.5	1987	1998-12 GPP
506	2.71	0.250	0.19	0.90	28	807	30	4 170	200.8	691.8	1992	1998-12 GPP
106	1.73	0.230	0.24	0.90	28	807	30	3 933	196.2	698.7	1989	1995-08
16	3.60	0.240	0.32	0.90	28	807	30	3 183	234.6	581.6	1994	1998-08 ABAND 1998
64	2.00	0.170	0.45	0.95	22	799	28		150.0	718.3	1996	1997-10 GPP
1 059					22	841	29	4 489	180.9	692.8	1990	1996-09 GPP
256	2.38	0.220	0.31	0.94								
803	3.41	0.200	0.32	0.94								
32	4.70	0.170	0.39	0.95	60	906	50	11 028	-677.8	1 568.9	1994	1997-12 GPP
64	2.00	0.130	0.45	0.75	100	847	60	14 192	-864.4	1 642.8	1983	1986-02 ABAND 1988
80	0.80	0.120	0.18	0.71	125	836	58	19 037	-1 208.7	2 004.1	1984	1997-12 GPP
64	2.00	0.120	0.14	0.78	80	817	64	19 093	-1 027.1	1 958.2	1984	1996-07 GPP
1 420	3.16	0.106	0.16	0.77	100	800	73	17 670	-1 189.3	1 979.7	1984	1994-12
64	3.70	0.200	0.15	0.80	70	836	75	18 182	-1 247.8	2 009.2	1982	1998-12 GPP
64	2.00	0.180	0.20	0.75	100	840	68	18 981	-1 226.5	2 103.8	1986	1996-07 GPP
80	1.60	0.120	0.18	0.75	100	865	60	18 259	-1 096.7	1 912.8	1984	1996-12 GPP
64	3.50	0.093	0.28	0.80	100	829	73	19 760	-1 118.8	1 950.5	1986	1987-02 GPP
64	4.40	0.165	0.10	0.78	145	839	73	19 286	-1 267.1	2 020.2	1986	1996-08 GPP
64	1.30	0.170	0.12	0.80	165	832	69	17 942	-1 072.0	1 912.9	1988	1998-05 GPP
64	3.50	0.150	0.41	0.77	100	829	73	19 156	-1 035.9	1 897.6	1988	1995-03 ABAND 1993
32	3.00	0.100	0.32	0.77	100	829	73	19 125	-1 032.3	1 900.7	1993	1996-03 ABAND 1994
1 070	1.81	0.180	0.17	0.75	164	821	73	19 839	-1 192.0	2 023.4	1972	1987-12
448	1.82	0.110	0.15	0.73	150	816	80	18 605	-1 116.3	1 962.4	1983	1995-12
64	2.30	0.090	0.10	0.70	125	820	73	17 074	-1 207.8	1 976.2	1983	1989-12 ABAND 1995
320	1.13	0.175	0.11	0.67	164	812	73	19 169	-1 098.0	1 983.3	1985	1989-12 GPP
384	1.48	0.125	0.13	0.67	164	840	73	20 025	-1 096.4	1 919.4	1985	1997-12 GPP
128	2.24	0.112	0.36	0.67	164	820	73	18 364	-1 271.7	2 081.2	1979	1988-12 GPP
16	1.00	0.120	0.33	0.67	164	812	73	17 561	-1 259.3	2 152.5	1985	1996-07 GPP
64	1.10	0.100	0.20	0.74	123	814	71	18 716	-1 099.8	1 877.7	1989	1996-07 GPP
539					117	813	66	17 353	-1 042.6	1 888.5	1991	1995-03
171	2.39	0.099	0.15	0.74								

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
VALHALLA 075-10W6 (CONTINUED)								
WATER FLOOD AREA	846.0	0.20	0.15	169.0	127.0	296.0		
BOUNDARY D	36.8	<0.02		0.4		0.4	0.4	
BOUNDARY P	76.7	0.15		11.5		11.5	8.9	2.6
BOUNDARY Q	155.0	0.15		23.3		23.3	10.4	12.9
BOUNDARY R	121.0	0.10		12.1		12.1	5.9	6.2
BOUNDARY S	64.2	<0.01		0.1		0.1	0.1	
BOUNDARY A & CHARLIE LAKE A	528.0	0.10		52.8		52.8	45.4	7.4
HALFWAY C	1 899.0	0.25		475.0		475.0	399.9	75.1
HALFWAY E	35.4	<0.08		2.6		2.6	2.6	
HALFWAY H	41.5	0.20		8.3		8.3	8.1	0.2
HALFWAY J	1 296.0	0.15		194.0		194.0	84.2	109.8
HALFWAY L	230.0	0.10		23.0		23.0	8.8	14.2
DOIG B	1 014.0	0.08		81.1		81.1	67.8	13.3
DOIG D	975.0	0.10		97.5		97.5	27.6	69.9
DOIG E	143.0	0.10		14.3		14.3	12.4	1.9
DOIG F	1 408.0	0.10		141.0		141.0	47.0	94.0
DOIG G	110.0	0.10		11.0		11.0	3.2	7.8
DOIG H	565.0	0.10		56.5		56.5	29.3	27.2
DOIG I	163.0	<0.10		15.3		15.3	15.3	
DOIG J	124.0	0.15		18.6		18.6	12.0	6.6
DOIG K	152.0	0.15		22.8		22.8	11.3	11.5
DOIG L	190.0	0.10		19.0		19.0	9.2	9.8
MONTNEY A	460.0	0.15		69.0		69.0	29.8	39.2
MONTNEY B	4 174.0	0.15		626.0		626.0	160.9	465.1
MONTNEY C	6 448.0	0.20		1 289.0		1 289.0	404.2	884.8
MONTNEY F	163.0	0.10		16.3		16.3	0.9	15.4
MONTNEY G	498.0	0.15		74.7		74.7	14.9	59.8
MONTNEY H	302.0	0.10		30.2		30.2	3.6	26.6
MONTNEY T	270.0	0.15		40.5		40.5	5.0	35.5
MONTNEY I & O	564.0	0.15		84.6		84.6	11.2	73.4
FIELD TOTAL	83 245.7			8 972.9	6 894.0	15 866.9	10 604.8	5 262.1
VAUXHALL 012-17W4								
UPPER MANNVILLE B	85.3	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE E	151.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE F	149.0	0.05		7.5		7.5	1.6	5.9
UPPER MANNVILLE G	1 629.0	0.15		244.0		244.0	135.1	108.9
LOWER MANNVILLE A	57.8	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	157.0	0.15		23.6		23.6	11.5	12.1
FIELD TOTAL *	2 229.1			277.0		277.0	150.1	126.9
VEGA 061-03W5								
VIKING B	138.0	<0.01		0.2		0.2	0.2	
VIKING C	109.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL	247.0			0.7		0.7	0.7	
VERGER 021-14W4								
MANNVILLE J	31.9	0.05		1.6		1.6	0.2	1.4
UPPER MANNVILLE F	182.0	0.10		18.2		18.2	9.3	8.9
UPPER MANNVILLE N	56.6	0.10		5.7		5.7	1.0	4.7
UPPER MANNVILLE R	27.1	0.10		2.7		2.7	1.1	1.6
ARCS A	139.0	<0.07		8.7		8.7	8.7	
FIELD TOTAL *	436.6			36.9		36.9	20.3	16.6
VIRGINIA HILLS 065-13W5								
GETHING A	132.0	<0.08		9.6		9.6	9.6	
BELLOY A WATER FLOOD	13 000.0	0.23	0.27	2 990.0	3 510.0	6 500.0	6 192.3	307.7
BEAVERHILL LAKE TOTAL	76 910.0			16 520.0	12 600.0	29 120.0	25 677.1	3 442.9
PRIMARY AREA	2 639.0	0.25		660.0		660.0		
SOLVENT FLOOD AREA	35 340.0	0.23	0.22	8 128.0	7 775.0	15 900.0		
WATER FLOOD AREA	38 930.0	<0.20	0.12	7 733.0	4 827.0	12 560.0		
BEAVERHILL LAKE B	30.4	<0.01		0.1		0.1	0.1	
BEAVERHILL LAKE C	53.1	<0.07		3.7		3.7	3.7	
BEAVERHILL LAKE D	119.0	0.15		17.9		17.9	6.9	11.0

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
368	2.51	0.144	0.14	0.74								
64	0.85	0.110	0.17	0.74	117	813	66	17 554	-1 072.2	1 966.1	1984	GPP
64	2.00	0.100	0.19	0.74	117	813	66	13 102	-1 059.5	1 937.0	1979	GPP
64	2.11	0.180	0.14	0.74	117	813	66	16 450	-1 051.6	1 895.0	1991	GPP
64	2.90	0.100	0.12	0.74	117	821	66	16 900	-1 064.1	1 960.4	1994	GPP
16	3.50	0.190	0.10	0.67	164	811	73		-1 237.5	2 124.3	1996	ABAND 1997
180	3.65	0.136	0.19	0.73	149	835	72	17 574	-1 175.6	1 989.8	1981	1998-12
692	4.49	0.140	0.26	0.59	145	785	73	19 719	-1 142.1	1 956.8	1980	1992-08
32	1.20	0.150	0.11	0.69	160	823	78	20 810	-1 173.9	1 960.6	1989	GPP
64	1.20	0.120	0.25	0.60	187	808	71	19 431	-1 232.1	1 989.4	1991	1993-01
484	4.89	0.090	0.21	0.77	116	816	72	17 859	-1 174.3	2 041.1	1993	1996-09
91	4.51	0.090	0.17	0.75	116	816	72	17 062	-1 178.4	2 061.4	1992	GPP
192	19.46	0.078	0.13	0.40	416	816	73	20 602	-1 281.4	2 020.2	1984	GPP
160	10.70	0.080	0.11	0.80	249	809	67	22 033	-1 331.2	2 074.6	1988	1998-09
16	16.60	0.080	0.16	0.80	248	814	73	22 593	-1 303.1	2 030.1	1988	GPP
332	9.20	0.080	0.14	0.67	162	802	76	21 581	-1 242.7	2 012.7	1993	GPP
32	6.50	0.090	0.12	0.67	162	802	76	22 062	-1 272.7	2 023.3	1994	GPP
32	28.20	0.090	0.13	0.80	249	809	67	20 968	-1 317.5	2 045.0	1989	GPP
16	18.98	0.080	0.16	0.80	249	809	67	22 508	-1 307.3	2 034.2	1988	1998-12
16	16.10	0.070	0.14	0.80	249	809	67	22 020	-1 327.1	2 055.5	1994	1998-09
16	16.47	0.080	0.10	0.80	249	809	67	20 832	-1 318.7	2 047.7	1994	1998-09
16	23.50	0.070	0.10	0.80	249	809	67	21 498	-1 320.2	2 048.3	1994	1998-09
128	6.32	0.090	0.11	0.71	230	829	84	24 059	-1 336.7	2 181.6	1992	1992-07
705	10.47	0.120	0.38	0.76	140	860	78	19 190	-1 418.2	2 263.6	1993	1995-10
1 857	4.45	0.130	0.13	0.69	136	831	74	18 933	-1 369.1	2 205.4	1993	1998-12
32	14.00	0.100	0.55	0.81	64	820	79	18 460	-1 412.3	2 195.5	1994	1995-07
128	7.04	0.090	0.11	0.69	136	831	74	21 691	-1 330.0	2 152.1	1994	1996-05
64	5.50	0.130	0.12	0.75	140	860	78	17 739	-1 300.2	2 157.3	1994	1995-11
64	4.00	0.150	0.10	0.78	94	854	80			2 162.5	1996	1998-12
207	4.76	0.100	0.12	0.65	189	812	45	21 137	-1 364.8	2 207.6	1995	1998-07
16	3.80	0.240	0.32	0.86	68	909	31	11 157	-226.5	1 068.4	1979	1996-07
32	5.00	0.180	0.41	0.89	57	835	30	11 200	-231.9	1 053.8	1990	1995-10
64	3.00	0.180	0.55	0.96	18	886	34	11 111	-220.7	1 049.6	1979	ABAND 1994
178	4.60	0.260	0.14	0.89	57	835	30	10 466	-238.2	1 083.0	1995	1996-04
64	1.00	0.150	0.30	0.86	64	895	30	11 169	-227.8	1 027.9	1980	GPP
32	4.31	0.183	0.31	0.90	38	893	32	9 694	-224.2	1 022.5	1995	ABAND 1983
64	2.00	0.210	0.41	0.87	57	849	32	5 233	-171.6	833.0	1980	GPP
64	1.50	0.190	0.31	0.87	58	846	30	5 128	-160.8	810.0	1980	GPP
16	2.90	0.160	0.50	0.86	66	881	32	10 881	-374.4	1 119.1	1995	1996-09
64	4.20	0.140	0.45	0.88	47	861	35	9 407	-338.5	1 073.2	1982	GPP
16	5.58	0.160	0.55	0.88	56	881	35	10 876	-273.0	1 022.5	1995	1997-02
8	4.40	0.150	0.41	0.87	56	890	37			1 070.1	1994	1998-08
32	3.80	0.200	0.35	0.88	120	869	41	12 191	-7618.7	1 351.3	1991	GPP
64	2.00	0.170	0.23	0.79	100	852	64	12 433	-618.7	1 691.0	1983	1996-07
1 910	6.25	0.180	0.28	0.84	52	866	70	13 481	-776.6	1 841.4	1961	GPP
13 101					88	834	102	25 378	-1 695.7	2 808.4	1957	1997-03
2 176	3.00	0.070	0.25	0.77								GPP
3 136	19.59	0.090	0.17	0.77								GPP
7 789	8.69	0.090	0.17	0.77								GPP
64	1.62	0.073	0.45	0.73	97	852	99	24 173	-1 711.9	2 752.8	1983	ABAND 1984
32	4.80	0.070	0.35	0.76	80	847	103	24 146	-1 707.9	2 855.2	1983	GPP
64	7.81	0.052	0.40	0.76	76	837	105	24 131	-1 705.7	2 975.0	1987	GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
VIRGINIA HILLS 065-13W5 (CONTINUED) FIELD TOTAL	90 244.5			19 541.3	16 110.0	35 651.3	31 889.7	3 761.6
VIRGO 115-06W6								
SULPHUR POINT E	35.0	<0.02		0.6		0.6	0.6	
SULPHUR POINT A & KEG RIVER MM	249.0	<0.42		102.3		102.3	102.3	
MUSKEG A	334.0	<0.20		63.8		63.8	63.8	
MUSKEG B	117.0	0.25		29.3		29.3	24.1	5.2
MUSKEG C	160.0	<0.21		33.1		33.1	33.1	
MUSKEG E	59.0	<0.20		11.6		11.6	11.6	
MUSKEG G WATER FLOOD	228.0	0.15	0.04	34.2	10.4	44.6	44.6	
MUSKEG I	207.0	0.20		41.4		41.4	41.4	
MUSKEG J	175.0	<0.13		21.5		21.5	21.5	
MUSKEG K	109.0	<0.01		0.9		0.9	0.9	
MUSKEG L	159.0	<0.08		11.8		11.8	11.8	
MUSKEG M	42.6	<0.10		4.1		4.1	4.1	
MUSKEG O	397.0	0.20		79.4		79.4	67.2	12.2
MUSKEG Q	236.0	<0.02		4.3		4.3	4.3	
MUSKEG R	150.0	<0.04		5.0		5.0	5.0	
MUSKEG S	36.0	<0.02		0.5		0.5	0.5	
MUSKEG T	34.9	<0.02		0.5		0.5	0.5	
MUSKEG U	43.6	0.03		1.3		1.3	1.3	
MUSKEG V	73.7	<0.02		0.8		0.8	0.8	
MUSKEG W	542.0	0.10		54.2		54.2	54.2	
MUSKEG D & KEG RIVER L	428.0	<0.18		76.5		76.5	76.5	
MUSKEG P & KEG RIVER R3R	46.2	0.10		4.6		4.6	3.6	1.0
KEG RIVER B WATER FLOOD	397.0	<0.32	0.01	123.2	4.0	127.2	127.2	
KEG RIVER C	139.0	0.42		58.4		58.4	57.3	1.1
KEG RIVER D WATER FLOOD	446.0	0.15	0.13	66.9	58.0	125.0	119.9	5.1
KEG RIVER E WATER FLOOD	620.0	0.30	0.06	186.0	37.2	223.0	217.9	5.1
KEG RIVER F	159.0	0.20		31.8		31.8	25.2	6.6
KEG RIVER G	461.0	<0.17		75.5		75.5	75.5	
KEG RIVER H	636.0	<0.21		132.9		132.9	132.9	
KEG RIVER I WATER FLOOD	359.0	<0.35	0.02	123.2	7.2	130.4	130.4	
KEG RIVER J	159.0	0.40		63.6		63.6	63.5	0.1
KEG RIVER K	221.0	0.52		115.0		115.0	112.3	2.7
KEG RIVER M	130.0	<0.23		29.2		29.2	29.2	
KEG RIVER N	159.0	<0.26		40.9		40.9	40.9	
KEG RIVER O WATER FLOOD	159.0	0.31	0.03	49.3	4.8	54.1	49.8	4.3
KEG RIVER P WATER FLOOD	350.0	<0.05	0.05	17.1	18.9	36.0	35.3	0.7
KEG RIVER Q	477.0	<0.13		61.0		61.0	61.0	
KEG RIVER R WATER FLOOD	355.0	0.35	0.05	124.0	17.8	142.0	139.6	2.4
KEG RIVER S WATER FLOOD	270.0	0.25	0.05	67.5	13.5	81.0	75.8	5.2
KEG RIVER T	524.0	<0.11		53.4		53.4	53.4	
KEG RIVER U	390.0	<0.12		46.4		46.4	46.4	
KEG RIVER V	195.0	<0.31		59.8		59.8	59.8	
KEG RIVER W	715.0	0.25		179.0		179.0	170.3	8.7
KEG RIVER X	251.0	0.14		35.1		35.1	27.7	7.4
KEG RIVER Y	506.0	0.35		177.0		177.0	136.4	40.6
KEG RIVER Z WATER FLOOD	354.0	0.39	0.08	138.0	30.1	168.0	168.0	
KEG RIVER AA	570.0	0.19		108.0		108.0	103.5	4.5
KEG RIVER BB	192.0	<0.35		66.7		66.7	66.7	
KEG RIVER CC	30.7	<0.24		7.1		7.1	7.1	
KEG RIVER DD WATER FLOOD	110.0	0.30	0.13	33.0	14.3	47.3	43.2	4.1
KEG RIVER EE	127.0	<0.23		28.8		28.8	28.8	
KEG RIVER FF	636.0	0.05		31.8		31.8	31.2	0.6
KEG RIVER GG	636.0	<0.09		53.8		53.8	53.8	
KEG RIVER HH	284.0	0.28		79.5		79.5	74.7	4.8
KEG RIVER II	366.0	<0.06		19.9		19.9	19.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	4.90	0.070	0.25	0.85	62	860	50	13 733	-1 035.0	1 372.4	1977	1984-05 ABAND 1989
9	54.73	0.070	0.17	0.87	35	865	68	14 513	-1 114.9	1 467.9	1968	1994-11 GPP
19	20.40	0.130	0.15	0.78	85	839	74	15 231	-1 171.1	1 515.5	1968	1994-09 ABAND 1994
17	23.00	0.050	0.20	0.75	74	849	71	14 428	-1 126.2	1 479.5	1968	1997-07 GPP
8	32.63	0.080	0.11	0.86	45	865	76	14 849	-1 146.4	1 496.0	1968	1990-03 ABAND 1991
4	19.05	0.100	0.10	0.86	46	870	71	14 294	-1 122.1	1 472.0	1969	1980-12 GPP
17	18.82	0.090	0.10	0.88	39	881	67	13 995	-1 134.3	1 480.8	1969	1998-05 ABAND 1997
16	43.70	0.050	0.20	0.74	88	829	72	14 747	-1 193.0	1 541.1	1970	1996-07 GPP
49	12.71	0.046	0.30	0.88	35	881	65	13 391	-1 086.1	1 439.7	1971	1994-06 ABAND 1993
16	20.12	0.051	0.17	0.80	80	849	71	14 593	-1 165.2	1 500.5	1971	1973-02 ABAND 1990
13	17.98	0.089	0.11	0.86	53	870	70	12 039	-1 139.5	1 481.5	1971	1973-12 ABAND 1989
16	12.50	0.040	0.35	0.82	106	834	73	12 677	-1 130.4	1 486.4	1973	1983-12 ABAND 1988
64	16.35	0.060	0.19	0.78	89	850	71	17 010	-1 158.2	1 501.9	1969	1992-02 GPP
16	27.90	0.080	0.25	0.88	39	882	67	13 423	-1 137.3	1 488.1	1983	1992-11 GPP
16	11.00	0.120	0.11	0.80	45	824	62	14 588	-1 182.8	1 546.5	1983	1985-12 GPP
16	5.80	0.060	0.24	0.85	54	876	58	14 461	-1 108.2	1 461.3	1983	1987-09 ABAND 1989
16	5.00	0.062	0.11	0.79	89	860	69	14 415	-1 141.0	1 492.6	1985	1988-12 ABAND 1985
16	12.30	0.042	0.38	0.85	45	852	76	15 274	-1 199.1	1 546.0	1981	1989-12 ABAND 1997
16	7.90	0.080	0.10	0.81	74	847	71	14 726	-1 230.5	1 587.1	1972	1996-07 GPP
44	23.00	0.070	0.10	0.85	45	851	76	14 597	-1 109.6	1 464.7	1993	1994-12 GPP
49	16.70	0.076	0.17	0.83	75	829	62	15 848	-1 233.0	1 596.5	1968	1996-07 GPP
16	7.00	0.080	0.40	0.86	34	794	82	13 927	-1 276.0	1 647.5	1981	1997-07 GPP
14	38.93	0.094	0.11	0.87	43	849	71	14 735	-1 124.4	1 466.7	1968	1998-06 ABAND 1998
8	33.79	0.068	0.16	0.90	32	876	64	14 626	-1 113.1	1 460.6	1968	1993-12 GPP
20	31.34	0.093	0.10	0.85	48	860	73	15 090	-1 142.6	1 497.2	1968	1993-10 GPP
13	68.75	0.094	0.10	0.82	75	849	68	15 280	-1 157.0	1 513.0	1967	1993-12 GPP
5	38.53	0.130	0.08	0.69	143	876	76	15 154	-1 155.0	1 521.0	1968	1997-12 GPP
10	89.09	0.077	0.16	0.80	74	839	76	15 955	-1 206.8	1 567.7	1968	1998-12 GPP
13	70.46	0.093	0.10	0.83	65	876	77	15 417	-1 149.1	1 499.0	1968	1996-07 GPP
12	44.50	0.090	0.10	0.83	78	849	71	15 072	-1 154.2	1 495.0	1968	1998-12 GPP
11	36.45	0.053	0.14	0.87	50	865	68	14 562	-1 112.2	1 462.1	1968	1993-12 GPP
8	56.81	0.065	0.12	0.85	45	855	70	15 092	-1 152.0	1 499.2	1968	1988-12 GPP
9	35.00	0.070	0.18	0.72	121	815	78	15 143	-1 173.2	1 541.4	1968	1996-07 GPP
6	47.40	0.073	0.12	0.87	50	865	68	14 652	-1 131.0	1 474.8	1968	1996-07 GPP
6	52.50	0.066	0.12	0.87	43	865	61	14 479	-1 128.0	1 467.0	1968	1998-12 GPP
8	74.75	0.081	0.14	0.84	45	860	76	15 048	-1 157.7	1 503.6	1968	1997-12 GPP
15	62.00	0.071	0.14	0.84	58	855	72	14 557	-1 172.0	1 529.8	1968	1996-07 GPP
9	54.11	0.100	0.10	0.81	80	876	63	15 561	-1 221.3	1 564.5	1968	1990-12 GPP
6	79.20	0.077	0.10	0.82	60	855	71	12 442	-1 100.8	1 462.5	1968	1982-12 GPP
22	42.70	0.080	0.15	0.82	69	849	71	14 484	-1 134.6	1 494.6	1968	1989-12 ABAND 1988
19	30.75	0.100	0.11	0.75	107	829	71	15 568	-1 198.7	1 551.7	1968	1998-12 GPP
7	37.50	0.110	0.10	0.75	101	839	72	15 268	-1 180.0	1 527.5	1968	1996-07 GPP
11	72.59	0.120	0.09	0.82	68	849	71	15 374	-1 165.9	1 515.8	1968	1995-04 GPP
6	66.45	0.093	0.12	0.77	96	839	72	15 490	-1 189.0	1 538.0	1968	1996-08 GPP
48	21.90	0.070	0.21	0.87	47	849	69	14 825	-1 140.1	1 477.8	1968	1998-11 GPP
11	52.50	0.084	0.10	0.81	75	860	64	14 868	-1 148.5	1 489.6	1968	1998-06 ABAND 1998
25	47.24	0.073	0.24	0.87	45	849	72	14 743	-1 150.0	1 486.8	1968	1998-12 GPP
10	43.30	0.060	0.16	0.88	35	855	67	14 736	-1 127.7	1 467.6	1968	1998-12 GPP
7	28.16	0.025	0.30	0.89	30	860	68	14 544	-1 110.7	1 447.2	1968	1996-07 GPP
9	22.89	0.074	0.13	0.83	67	849	69	14 534	-1 138.3	1 480.9	1968	1986-02 GPP
10	21.56	0.090	0.15	0.77	101	839	71	15 505	-1 184.5	1 529.5	1968	1996-07 GPP
34	39.51	0.070	0.11	0.76	104	820	70	15 445	-1 187.8	1 544.7	1968	1998-07 GPP
51	28.78	0.069	0.14	0.73	120	829	74	15 147	-1 171.7	1 541.7	1968	1996-07 GPP
16	22.56	0.130	0.11	0.68	158	815	79	15 541	-1 200.6	1 570.3	1968	1997-12 GPP
9	68.00	0.085	0.20	0.88	46	876	63	14 710	-1 133.6	1 482.9	1968	1986-12 ABAND 1989

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
VIRGO 115-06W6 (CONTINUED)								
KEG RIVER JJ	556.0	0.28		156.0		156.0	151.8	4.2
KEG RIVER KK	311.0	0.15		46.7		46.7	33.3	13.4
KEG RIVER LL	92.0	<0.12		11.0		11.0	11.0	
KEG RIVER NN	159.0	<0.38		59.3		59.3	59.3	
KEG RIVER OO	159.0	<0.11		16.2		16.2	16.2	
KEG RIVER PP	47.2	<0.06		2.8		2.8	2.8	
KEG RIVER QQ	212.0	0.25		53.0		53.0	43.5	9.5
KEG RIVER RR	274.0	<0.08		90.4		90.4	90.4	
KEG RIVER SS	195.0	0.25		48.8		48.8	39.5	9.3
KEG RIVER TT	193.0	<0.12		23.1		23.1	23.1	
KEG RIVER UU	152.0	<0.12		17.3		17.3	17.3	
KEG RIVER VV	560.0	0.35		196.0		196.0	192.2	3.8
KEG RIVER WW	300.0	0.30	0.07	90.0	21.0	111.0	103.2	7.8
WATER FLOOD								
KEG RIVER XX	578.0	0.20		116.0		116.0	65.9	50.1
KEG RIVER YY	200.0	0.32		64.0		64.0	59.4	4.6
KEG RIVER ZZ	238.0	0.40		95.2		95.2	90.7	4.5
KEG RIVER AAA	230.0	0.35	0.14	80.5	32.2	113.0	112.5	0.5
WATER FLOOD								
KEG RIVER BBB	440.0	<0.19		80.0		80.0	80.0	
KEG RIVER CCC TOTAL	250.0			4.0	21.3	25.3	25.3	
PRIMARY AREA	125.0	<0.02		1.4		1.4		
WATER FLOOD AREA	125.0	<0.03	0.17	2.6	21.3	23.9		
KEG RIVER DDD	191.0	0.07		13.4		13.4	13.4	
KEG RIVER EEE	196.0	<0.12		22.6		22.6	22.6	
KEG RIVER FFF	72.2	<0.01		0.3		0.3	0.3	
KEG RIVER GGG	440.0	0.10	0.07	44.0	34.0	78.0	78.0	
WATER FLOOD								
KEG RIVER HHH	49.6	<0.12		5.9		5.9	5.9	
KEG RIVER III	49.6	<0.05		2.1		2.1	2.1	
KEG RIVER JJJ	556.0	<0.05		24.7		24.7	24.7	
KEG RIVER KKK	238.0	0.39		92.8		92.8	84.0	8.8
KEG RIVER LLL	207.0	0.30		62.1		62.1	51.7	10.4
KEG RIVER MMM	95.3	<0.35		33.3		33.3	33.3	
KEG RIVER NNN	226.0	0.40		90.4		90.4	87.3	3.1
KEG RIVER OOO	200.0	<0.20	0.03	38.4	6.0	44.4	44.4	
WATER FLOOD								
KEG RIVER PPP	227.0	0.15	0.10	34.2	22.7	56.9	55.3	1.6
WATER FLOOD								
KEG RIVER QOO	320.0	<0.16		49.0		49.0	49.0	
KEG RIVER RRR	556.0	<0.08		41.7		41.7	41.7	
KEG RIVER SSS	238.0	0.05		11.9		11.9	10.5	1.4
KEG RIVER TTT	444.0	<0.26		114.4		114.4	114.4	
KEG RIVER UUU	111.0	0.25		27.8		27.8	24.4	3.4
KEG RIVER VVV	37.8	0.17		6.4		6.4	6.4	
KEG RIVER WWW	107.0	<0.10		10.5		10.5	10.5	
KEG RIVER XXX	267.0	<0.17		44.7		44.7	44.7	
KEG RIVER YYY	175.0	0.30		52.5		52.5	46.2	6.3
KEG RIVER ZZZ	195.0	0.45		87.8		87.8	85.7	2.1
KEG RIVER A2A	280.0	0.29	0.03	81.2	8.4	89.6	89.6	
WATER FLOOD								
KEG RIVER B2B	327.0	0.20		65.4		65.4	27.0	38.4
KEG RIVER C2C	397.0	0.15		59.6		59.6	51.5	8.1
KEG RIVER D2D	370.0	<0.26		94.7		94.7	94.7	
KEG RIVER E2E	235.0	<0.06		13.2		13.2	13.2	
KEG RIVER F2F	353.0	0.15		53.0		53.0	47.4	5.6
KEG RIVER G2G	297.0	0.25		74.3		74.3	24.5	49.8
KEG RIVER H2H	487.0	0.10		48.7		48.7	47.0	1.7
KEG RIVER I2I	297.0	0.35		104.0		104.0	98.7	5.3
KEG RIVER J2J	108.0	0.20		21.6		21.6	12.6	9.0
KEG RIVER K2K	636.0	<0.17		103.0		103.0	103.0	
KEG RIVER L2L	245.0	<0.14		34.0		34.0	34.0	
KEG RIVER M2M	259.0	<0.11		26.6		26.6	26.6	
KEG RIVER N2N	348.0	<0.18		59.6		59.6	59.6	
KEG RIVER O2O	229.0	<0.09		18.8		18.8	18.8	
KEG RIVER P2P	198.0	0.03		5.9		5.9	3.7	2.2
KEG RIVER Q2Q	78.0	<0.03		1.9		1.9	1.9	
KEG RIVER R2R	397.0	<0.07	0.06	25.1	23.8	48.9	48.9	
WATER FLOOD								
KEG RIVER S2S	270.0	0.31		83.7		83.7	79.5	4.2
KEG RIVER T2T	203.0	<0.21		41.3		41.3	41.3	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
19	51.20	0.081	0.16	0.84	53	870	69	14 826	-1 127.1	1 475.8	1968	1998-12 GPP
17	36.82	0.080	0.15	0.73	124	834	69	15 409	-1 202.5	1 554.2	1968	1997-12 GPP
10	17.98	0.079	0.19	0.80	74	844	70	15 644	-1 271.4	1 632.0	1968	1989-12 GPP
4	47.25	0.110	0.09	0.84	56	870	62	14 731	-1 145.7	1 493.2	1968	1996-07 GPP
9	33.78	0.070	0.13	0.86	50	865	68	14 171	-1 118.2	1 464.1	1968	1982-12 ABAND 1990
6	17.25	0.067	0.20	0.85	72	844	71	13 693	-1 135.2	1 493.0	1968	1970-02 GPP
19	23.00	0.080	0.17	0.73	118	839	72	15 403	-1 198.5	1 546.8	1968	1996-12 GPP
57	39.32	0.076	0.12	0.85	43	860	69	14 999	-1 142.1	1 481.3	1969	1984-12 ABAND 1990
32	24.20	0.040	0.25	0.84	58	876	66	15 880	-1 262.9	1 618.3	1969	1995-09 GPP
9	38.25	0.083	0.10	0.75	107	834	71	15 395	-1 191.7	1 545.3	1968	1977-05 GPP
34	18.04	0.040	0.25	0.82	69	849	71	13 670	-1 127.8	1 484.4	1968	1998-06 ABAND 1997
20	48.40	0.081	0.15	0.84	65	860	70	14 125	-1 145.2	1 483.8	1969	1996-08 GPP
16	25.00	0.098	0.09	0.84	64	860	70	14 868	-1 157.8	1 501.0	1969	1986-02 GPP
17	33.89	0.140	0.08	0.78	92	829	76	15 450	-1 195.0	1 552.8	1969	1996-05 GPP
6	52.30	0.094	0.12	0.77	91	834	76	15 255	-1 185.4	1 547.5	1969	1998-12 GPP
15	28.17	0.080	0.20	0.88	40	855	70	14 596	-1 129.6	1 467.3	1969	1995-12 GPP
11	44.00	0.070	0.15	0.80	84	839	71	15 055	-1 152.3	1 494.3	1968	1991-12 GPP
8	65.23	0.120	0.10	0.78	93	834	72	15 404	-1 182.3	1 532.2	1969	1998-12 GPP
8					47	855	71	14 730	-1 167.6	1 513.0	1969	1993-07 ABAND 1993
4	34.40	0.120	0.10	0.84								
4	70.50	0.060	0.12	0.84								
7	44.00	0.082	0.11	0.85	50	865	68	13 232	-1 119.5	1 469.7	1969	1983-12 ABAND 1991
5	49.62	0.107	0.12	0.84	54	865	71	12 649	-1 152.3	1 501.0	1969	1996-07 GPP
16	6.40	0.100	0.15	0.83	69	849	71	13 387	-1 123.3	1 482.4	1969	1970-12 GPP
11	51.27	0.102	0.10	0.85	53	865	70	13 999	-1 152.8	1 495.4	1969	1997-11 ABAND 1988
8	24.78	0.037	0.24	0.89	40	860	68	14 070	-1 101.8	1 442.9	1969	1989-12 GPP
8	15.54	0.064	0.24	0.82	71	839	71	13 606	-1 139.5	1 498.2	1969	1974-05 ABAND 1970
21	40.39	0.094	0.15	0.82	62	865	72	14 448	-1 201.4	1 551.0	1969	1979-12 GPP
7	47.89	0.094	0.09	0.83	67	849	71	14 623	-1 158.6	1 505.8	1969	1997-12 GPP
14	38.74	0.053	0.20	0.90	30	870	68	14 346	-1 118.5	1 457.1	1969	1998-12 ABAND 1998
14	24.79	0.040	0.22	0.88	46	855	71	14 253	-1 138.6	1 476.3	1969	1996-07 ABAND 1997
24	27.35	0.050	0.20	0.86	44	870	68	14 405	-1 122.3	1 463.3	1969	1995-12 GPP
4	82.75	0.080	0.10	0.84	59	844	66	11 606	-1 167.4	1 511.5	1969	1986-02 GPP
11	60.96	0.047	0.14	0.84	60	855	68	13 911	-1 154.3	1 498.1	1969	1976-12 GPP
18	45.80	0.072	0.13	0.62	210	820	78	15 642	-1 209.0	1 586.2	1969	1983-12 GPP
15	66.74	0.096	0.11	0.65	171	815	78	15 460	-1 198.9	1 570.8	1969	1996-12 GPP
6	72.92	0.080	0.20	0.85	52	870	71	14 100	-1 164.8	1 516.5	1969	1987-12 GPP
11	60.27	0.095	0.13	0.81	71	855	74	15 210	-1 180.9	1 534.5	1969	1987-12 ABAND 1991
8	37.88	0.069	0.17	0.64	192	811	82	15 525	-1 221.6	1 595.6	1969	1995-12 GPP
5	26.52	0.044	0.21	0.82	66	876	75	13 303	-1 152.1	1 511.5	1969	1991-10 ABAND 1990
7	21.34	0.110	0.12	0.74	118	829	71	14 884	-1 190.1	1 539.7	1969	1975-12 GPP
16	30.80	0.075	0.15	0.85	30	865	68	14 453	-1 118.9	1 455.1	1968	1996-07 GPP
10	40.90	0.069	0.15	0.73	123	829	72	15 284	-1 190.6	1 540.8	1969	1994-10 GPP
22	33.67	0.047	0.30	0.80	64	849	70	13 963	-1 138.6	1 477.5	1969	1996-12 GPP
10	44.19	0.090	0.12	0.80	84	844	76	15 172	-1 172.9	1 531.6	1969	1998-05 ABAND 1993
20	26.50	0.090	0.23	0.89	34	870	70	13 671	-1 114.3	1 456.6	1969	1996-11 GPP
10	48.83	0.105	0.11	0.87	41	881	64	13 195	-1 117.7	1 464.6	1969	1993-08 GPP
9	76.78	0.077	0.12	0.79	77	844	73	14 848	-1 177.0	1 531.5	1969	1998-06 ABAND 1997
12	33.89	0.079	0.15	0.86	48	870	69	11 093	-1 126.4	1 468.4	1969	1973-05 ABAND 1990
16	27.80	0.120	0.13	0.76	104	834	73	15 217	-1 177.3	1 519.9	1969	1998-12 GPP
16	43.90	0.060	0.15	0.83	62	849	71	14 562	-1 155.0	1 492.9	1969	1996-12 GPP
17	40.54	0.103	0.12	0.78	90	849	71	14 845	-1 173.3	1 515.6	1969	1998-12 GPP
18	34.70	0.070	0.22	0.87	43	860	70	14 190	-1 130.5	1 467.6	1969	1998-12 GPP
24	28.65	0.030	0.24	0.69	125	815	82	15 592	-1 244.2	1 613.0	1969	1998-12 GPP
9	81.17	0.114	0.08	0.83	63	849	70	11 169	-1 178.2	1 521.1	1970	1998-06 ABAND 1998
11	43.56	0.070	0.17	0.88	37	865	68	13 791	-1 130.9	1 470.8	1970	1988-12 ABAND 1989
23	26.83	0.061	0.20	0.86	45	834	72	13 793	-1 138.4	1 474.6	1970	1992-10 GPP
15	36.98	0.085	0.10	0.82	70	849	73	13 466	-1 159.9	1 501.6	1970	1996-05 ABAND 1995
12	44.35	0.061	0.20	0.88	38	855	68	14 418	-1 122.7	1 457.7	1970	1982-12 ABAND 1988
13	33.83	0.075	0.20	0.75	92	829	76	15 008	-1 201.1	1 563.8	1970	1998-12 GPP
8	30.48	0.050	0.20	0.80	90	849	72	14 013	-1 182.9	1 524.6	1970	1988-12 ABAND 1989
15	47.81	0.075	0.10	0.82	68	860	70	11 602	-1 150.7	1 491.8	1970	1998-12 GPP
13	39.44	0.075	0.10	0.78	90	839	72	14 164	-1 175.3	1 518.5	1970	1996-08 GPP
6	54.60	0.085	0.10	0.81	53	849	79	12 867	-1 176.8	1 517.0	1971	1975-12 ABAND 1989

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
VIRGO 115-06W6 (CONTINUED)								
KEG RIVER U2U	421.0	<0.10		41.5		41.5	41.5	*
KEG RIVER V2V	101.0	<0.19		18.2		18.2	18.2	
KEG RIVER W2W	658.0	<0.07		45.0		45.0	45.0	
KEG RIVER X2X	400.0	<0.14		52.5		52.5	52.5	
KEG RIVER Y2Y	747.0	<0.11		76.5		76.5	76.5	
KEG RIVER Z2Z	500.0	<0.05	0.03	22.6	15.0	37.6	37.6	
WATER FLOOD								
KEG RIVER A3A	254.0	0.35		89.0		89.0	86.2	2.8
KEG RIVER B3B	492.0	<0.07		33.2		33.2	33.2	
KEG RIVER C3C	162.0	<0.20		30.9		30.9	30.9	
KEG RIVER D3D	111.0	<0.28		30.9		30.9	30.9	
KEG RIVER E3E	556.0	<0.11		56.1		56.1	56.1	
KEG RIVER F3F	404.0	<0.03		9.6		9.6	9.6	
KEG RIVER G3G	312.0	<0.04		10.7		10.7	10.7	
KEG RIVER H3H	96.9	0.35		33.9		33.9	24.4	9.5
KEG RIVER I3I	252.0	<0.02		3.7		3.7	3.7	
KEG RIVER J3J	397.0	<0.15		57.7		57.7	57.7	
KEG RIVER L3L	65.3	<0.01		0.4		0.4	0.4	
KEG RIVER N3N	353.0	0.15		53.0		53.0	46.2	6.8
KEG RIVER O3O	74.3	<0.10		6.9		6.9	6.9	
KEG RIVER P3P	96.1	0.10		9.6		9.6	5.4	4.2
KEG RIVER Q3Q	327.0	<0.07		20.0		20.0	20.0	
KEG RIVER S3S	91.6	0.26		23.8		23.8	18.0	5.8
KEG RIVER T3T	110.0	<0.03		2.3		2.3	2.3	
KEG RIVER U3U	130.0	<0.22		27.8		27.8	27.8	
KEG RIVER V3V	600.0	0.10		60.0		60.0	48.1	11.9
KEG RIVER W3W	28.8	<0.02		0.5		0.5	0.5	
KEG RIVER X3X	93.3	0.30		28.0		28.0	8.2	19.8
KEG RIVER Y3Y	90.5	0.10		9.1		9.1	8.0	1.1
KEG RIVER Z3Z	50.0	<0.06		2.6		2.6	2.6	
KEG RIVER A4A	417.0	<0.03		11.5		11.5	11.5	
KEG RIVER B4B	329.0	0.15		49.4		49.4	44.1	5.3
KEG RIVER C4C	187.0	0.20		37.4		37.4	36.9	0.5
KEG RIVER D4D	500.0	<0.04		16.5		16.5	16.5	
KEG RIVER E4E	39.1	0.05		2.0		2.0	2.0	
KEG RIVER F4F	550.0	0.05	0.02	27.5	11.0	38.5	38.5	
WATER FLOOD								
KEG RIVER G4G	300.0	0.15	0.10	45.0	30.0	75.0	47.7	27.3
WATER FLOOD								
KEG RIVER H4H	400.0	<0.09		33.0		33.0	33.0	
KEG RIVER I4I	192.0	0.35		67.2		67.2	30.2	37.0
KEG RIVER J4J	110.0	0.15		16.5		16.5	14.8	1.7
KEG RIVER K4K	120.0	0.20		24.0		24.0	19.0	5.0
KEG RIVER L4L	450.0	<0.03		10.8		10.8	10.8	
KEG RIVER M4M	240.0	<0.01		1.4		1.4	1.4	
KEG RIVER N4N	176.0	<0.03		4.5		4.5	4.5	
KEG RIVER O4O	250.0	0.34		85.0		85.0	80.1	4.9
KEG RIVER P4P	85.8	0.35		30.0		30.0	20.0	10.0
KEG RIVER Q4Q	179.0	<0.06		10.5		10.5	10.5	
KEG RIVER R4R	316.0	<0.04		11.9		11.9	11.9	
KEG RIVER S4S	100.0	0.10		10.0		10.0	5.5	4.5
KEG RIVER T4T	239.0	<0.04		9.2		9.2	9.2	
KEG RIVER V4V	172.0	<0.10		17.1		17.1	17.1	
KEG RIVER W4W	125.0	<0.02		1.5		1.5	1.5	
KEG RIVER X4X	217.0	0.07		85.2		85.2	63.3	21.9
KEG RIVER Y4Y	103.0	<0.06		6.0		6.0	6.0	
KEG RIVER Z4Z	106.0	0.40		42.4		42.4	35.1	7.3
KEG RIVER A5A	155.0	0.25		38.8		38.8	35.4	3.4
KEG RIVER B5B	578.0	<0.03		13.4		13.4	13.4	
KEG RIVER C5C	132.0	0.20		26.4		26.4	22.4	4.0
KEG RIVER D5D	624.0	0.03		18.7		18.7	13.4	5.3
KEG RIVER E5E	106.0	<0.13		13.3		13.3	13.3	
KEG RIVER F5F	361.0	0.10		36.1		36.1	29.5	6.6
KEG RIVER G5G	74.9	0.25		18.7		18.7	4.7	14.0
KEG RIVER H5H	154.0	<0.07		9.5		9.5	9.5	
KEG RIVER I5I	397.0	<0.05		18.5		18.5	18.5	
KEG RIVER J5J	247.0	<0.01		1.7		1.7	1.7	
KEG RIVER K5K	143.0	<0.07		9.2		9.2	9.2	
KEG RIVER L5L	601.0	<0.03		17.8		17.8	17.8	
KEG RIVER M5M	126.0	0.15		18.9		18.9	12.2	6.7
KEG RIVER N5N	99.8	0.25		25.0		25.0	19.5	5.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
10	48.77	0.120	0.10	0.80	76	849	73	12 464	-1 153.0	1 511.4	1971	1996-07 GPP
11	48.89	0.030	0.23	0.82	80	849	73	14 075	-1 167.8	1 508.3	1971	1972-07 ABAND 1989
13	91.74	0.073	0.10	0.84	89	865	70	10 563	-1 171.6	1 512.4	1971	1981-12 ABAND 1989
11	49.07	0.105	0.18	0.86	53	865	70	10 750	-1 137.0	1 476.5	1972	1989-12 ABAND 1990
11	72.40	0.120	0.07	0.84	57	855	69	12 587	-1 140.7	1 495.2	1972	1996-07 GPP
14	60.43	0.087	0.21	0.86	33	870	60	11 240	-1 140.1	1 483.1	1971	1998-12 GPP
12	46.20	0.070	0.15	0.77	89	829	81	15 292	-1 170.1	1 531.9	1972	1973-05 GPP
10	54.86	0.120	0.10	0.83	51	865	72	15 567	-1 147.0	1 496.3	1972	1985-12 ABAND 1987
7	32.80	0.090	0.10	0.87	53	870	69	14 977	-1 118.0	1 467.9	1972	1982-12 ABAND 1989
5	32.75	0.095	0.18	0.87	33	876	65	13 886	-1 104.2	1 449.5	1973	1996-07 GPP
9	58.01	0.136	0.10	0.87	43	870	62	14 331	-1 123.9	1 471.4	1973	1996-07 GPP
39	15.88	0.100	0.23	0.85	59	855	67	14 095	-1 134.5	1 473.1	1973	1979-12 ABAND 1988
29	21.46	0.072	0.18	0.85	57	855	69	12 649	-1 129.6	1 481.3	1973	1998-06 ABAND 1998
13	22.70	0.050	0.18	0.80	89	839	60	15 657	-1 208.8	1 564.4	1969	1974-12 GPP
32	19.51	0.063	0.20	0.80	76	829	70	15 169	-1 184.2	1 539.9	1969	1985-12 ABAND 1990
12	54.70	0.090	0.20	0.84	66	849	72	15 225	-1 151.0	1 489.9	1977	1996-07 GPP
8	22.60	0.060	0.30	0.86	35	850	68	13 296	-1 109.3	1 459.0	1980	1998-12 ABAND 1990
16	42.00	0.072	0.12	0.83	35	852	77	15 281	-1 156.7	1 496.0	1981	1995-12 GPP
8	22.50	0.060	0.20	0.86	46	835	64	9 358	-1 237.9	1 584.8	1981	1985-12 ABAND 1986
16	19.50	0.055	0.30	0.80	77	854	55	14 287	-1 115.1	1 451.3	1982	1996-07 GPP
16	27.00	0.110	0.20	0.86	34	850	65	14 802	-1 197.0	1 554.5	1982	1989-12 ABAND 1990
16	18.00	0.050	0.26	0.86	49	872	70	14 105	-1 113.3	1 454.5	1983	1997-12 GPP
4	46.48	0.080	0.13	0.85	58	860	71	12 633	-1 153.2	1 502.4	1982	1984-06 ABAND 1987
8	51.48	0.047	0.21	0.85	48	854	85	11 145	-1 127.9	1 477.7	1984	1996-07 ABAND 1996
13	52.59	0.116	0.11	0.85	51	862	71	14 963	-1 151.2	1 495.1	1984	1986-06 GPP
16	15.90	0.026	0.50	0.87	43	890	68	13 925	-1 103.3	1 443.1	1984	1985-05 ABAND 1988
30	20.33	0.030	0.40	0.85	51	871	71	13 715	-1 115.5	1 457.9	1985	1986-06 GPP
16	32.30	0.032	0.25	0.73	104	844	73	14 846	-1 162.7	1 498.2	1984	1996-03 GPP
4	37.60	0.051	0.25	0.87	30	878	68	8 561	-1 116.4	1 467.4	1985	1992-10 ABAND 1993
16	38.85	0.092	0.18	0.89	38	858	68	14 517	-1 138.5	1 474.5	1985	1996-12 GPP
32	29.70	0.060	0.21	0.73	104	875	73	15 143	-1 189.1	1 533.2	1985	1998-12 GPP
26	13.22	0.080	0.20	0.85	58	850	72	14 867	-1 211.7	1 569.5	1985	1998-12 GPP
11	77.68	0.081	0.16	0.86	30	873	68	12 056	-1 137.8	1 486.9	1985	1996-07 ABAND 1996
16	10.00	0.040	0.29	0.86	30	875	68	12 538	-1 092.4	1 444.0	1985	1986-01 ABAND 1987
10	73.90	0.095	0.13	0.90	33	889	70	13 666	-1 153.1	1 496.5	1985	1998-12 GPP
15	26.12	0.100	0.12	0.87	43	865	68	12 278	-1 134.4	1 477.2	1985	1994-12 GPP
7	73.90	0.107	0.16	0.86	241	891	68	13 893	-1 160.3	1 509.5	1985	1996-07 ABAND 1997
25	17.47	0.064	0.20	0.86	44	855	73	14 266	-1 141.4	1 477.5	1985	1997-12 GPP
24	28.70	0.030	0.30	0.76	106	872	68	14 883	-1 179.6	1 531.2	1985	1998-12 GPP
16	20.49	0.052	0.20	0.88	34	852	67	14 610	-1 121.7	1 460.8	1986	1991-12 GPP
14	44.58	0.101	0.17	0.86	48	874	64	13 661	-1 188.2	1 531.0	1986	1987-07 ABAND 1989
11	38.23	0.079	0.15	0.85	51	808	71	14 559	-1 143.8	1 489.0	1986	1991-12 ABAND 1993
16	19.68	0.074	0.14	0.88	37	872	57	14 068	-1 119.9	1 458.8	1986	1996-07 GPP
14	59.80	0.048	0.26	0.84	72	869	71	15 720	-1 163.7	1 506.0	1987	1998-12 GPP
6	34.60	0.076	0.15	0.64	193	839	78	13 771	-1 187.9	1 563.2	1987	1997-06 GPP
16	20.72	0.073	0.13	0.85	43	867	68	13 296	-1 167.7	1 519.8	1986	1992-03 ABAND 1991
16	56.50	0.068	0.21	0.65	159	839	78	13 628	-1 178.8	1 555.0	1987	1996-07 GPP
13	28.95	0.041	0.19	0.80	78	844	70	12 891	-1 236.5	1 577.8	1988	1997-10 GPP
10	44.00	0.100	0.20	0.68	161	803	80	11 244	-1 179.8	1 551.5	1989	1996-07 GPP
10	37.00	0.070	0.22	0.85	70	873	71	10 747	-1 148.0	1 490.0	1990	1996-07 GPP
16	13.20	0.080	0.15	0.87	49	872	68	13 439	-1 126.7	1 478.8	1986	1996-07 GPP
89	26.20	0.080	0.13	0.75	123	821	63	14 754	-1 190.3	1 557.3	1980	1998-12 GPP
8	22.00	0.090	0.11	0.73	118	830	72	10 527	-1 167.2	1 514.0	1992	1998-12 GPP
22	16.00	0.050	0.16	0.72	124	816	71	14 131	-1 169.6	1 516.0	1993	1997-12 GPP
16	28.50	0.050	0.20	0.85	49	867	70	14 524	-1 138.9	1 475.8	1993	1993-09 GPP
16	56.90	0.090	0.16	0.84	52	870	69	9 667	-1 144.1	1 486.5	1993	1998-06 ABAND 1998
8	39.50	0.060	0.13	0.80	74	836	76	14 383	-1 177.2	1 544.8	1993	1998-12 GPP
16	53.50	0.100	0.10	0.81	72	851	71	14 669	-1 186.7	1 539.3	1993	1998-12 GPP
8	24.00	0.070	0.10	0.88	34	856	67	14 373	-1 168.2	1 523.0	1993	1998-12 GPP
8	72.00	0.090	0.18	0.85	62	867	71	14 258	-1 187.3	1 530.8	1993	1998-12 GPP
10	21.50	0.050	0.18	0.85	128	772	78	14 643	-1 174.4	1 536.8	1992	1997-07 GPP
8	52.00	0.050	0.15	0.87	62	867	71	14 929	-1 162.6	1 506.0	1994	1998-12 GPP
30	25.00	0.070	0.10	0.84	48	854	85	14 831	-1 172.1	1 511.5	1994	1998-12 GPP
16	33.20	0.070	0.15	0.78	79	844	79	14 832	-1 172.0	1 509.6	1994	1997-02 ABAND 1995
8	39.00	0.060	0.10	0.85	47	848	69	14 934	-1 188.2	1 535.5	1994	1998-12 GPP
28	25.50	0.110	0.10	0.85	56	869	67	15 145	-1 174.6	1 513.3	1994	1998-08 ABAND 1997
8	30.50	0.070	0.14	0.86	45	850	72	15 705	-1 161.8	1 499.8	1995	1998-12 GPP
8	28.50	0.060	0.11	0.82	68	849	69	14 712	-1 143.2	1 484.8	1995	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
VIRGO 115-06W6 (CONTINUED)								
KEG RIVER 050	307.0	0.30		92.1		92.1	20.1	72.0
KEG RIVER P5P	99.4	<0.06		5.1		5.1	5.1	
KEG RIVER 050	24.1	0.12		2.9		2.9	2.9	
KEG RIVER R5R	24.6	0.02		0.5		0.5	0.5	
KEG RIVER S5S	15.7	0.30		4.7		4.7	2.5	2.2
KEG RIVER T5T	101.0	0.30		30.3		30.3	4.7	25.6
KEG RIVER U5U	56.5	0.20		11.3		11.3	3.3	8.0
KEG RIVER V5V	154.0	0.30		46.2		46.2	30.0	16.2
KEG RIVER W5W	82.0	<0.01		0.4		0.4	0.4	
KEG RIVER X5X	107.0	0.20		21.4		21.4	10.5	10.9
KEG RIVER Y5Y	89.4	0.20		17.9		17.9	2.4	15.5
KEG RIVER Z5Z	77.1	0.25		19.3		19.3	2.0	17.3
KEG RIVER A6A	89.8	0.25		22.5		22.5	12.5	10.0
KEG RIVER B6B	40.0	0.25		10.0		10.0	1.5	8.5
KEG RIVER C6C	52.2	0.25		13.1		13.1	3.1	10.0
KEG RIVER D6D	323.0	0.25		80.8		80.8	10.8	70.0
FIELD TOTAL	52 922.6			8 397.3	441.6	8 839.2	7 948.7	890.5
VULCAN 016-24W4								
BASAL MANNVILLE C	69.3	<0.19		12.8		12.8	12.8	
TURNER VALLEY D	55.3	0.05		2.8		2.8	0.4	2.4
FIELD TOTAL *	124.6			15.6		15.6	13.2	2.4
WANYANDIE 060-27W5								
CARDIUM A	242.0	<0.06		13.5		13.5	13.5	
CARDIUM B	106.0	<0.01		0.1		0.1	0.1	
CARDIUM C	397.0	0.02		7.9		7.9	3.3	4.6
FIELD TOTAL	745.0			21.5		21.5	16.9	4.6
WAPITI 067-06W6								
CARDIUM C	164.0	0.04		6.6		6.6	0.2	6.4
CARDIUM A & B	18 130.0	0.06		1 088.0		1 088.0	627.6	460.4
DUNVEGAN B	2 665.0	0.10		267.0		267.0	244.8	22.2
DUNVEGAN E	73.1	0.10		7.3		7.3	3.6	3.7
FIELD TOTAL	21 032.1			1 368.9		1 368.9	876.2	492.7
WARNER 004-18W4								
LIVINGSTONE A	93.6	0.02		1.9		1.9	1.9	
FIELD TOTAL	93.6			1.9		1.9	1.9	
WASKAHIGAN 063-24W5								
DUNVEGAN A	3 000.0	0.06		180.0		180.0	175.7	4.3
DUNVEGAN C	520.0	0.05		26.0		26.0	22.4	3.6
DUNVEGAN E	288.0	0.15		43.2		43.2	29.6	13.6
DUNVEGAN L	181.0	0.10		18.1		18.1	0.9	17.2
GETHING C	255.0	<0.01		2.1		2.1	2.1	
GETHING F	149.0	0.15		22.4		22.4	13.3	9.1
FIELD TOTAL	4 393.0			291.8		291.8	244.0	47.8
WATELET 047-26W4								
BELLY RIVER B	281.0	0.02		5.6		5.6	2.7	2.9
GLAUCONITIC A	103.0	0.10		10.3		10.3	2.1	8.2
ELLERSLIE A	485.0	0.18		87.3		87.3	64.9	22.4
FIELD TOTAL	869.0			103.2		103.2	69.7	33.5
WATTS 031-16W4								
LOWER MANNVILLE A	139.0	0.10		13.9		13.9	12.4	1.5
LOWER MANNVILLE B	167.0	0.10		16.7		16.7	13.3	3.4
LOWER MANNVILLE D	115.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE E	496.0	<0.03		2.9		2.9	2.9	
LOWER MANNVILLE I	220.0	0.10		22.0		22.0	19.8	2.2
LOWER MANNVILLE J	418.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE K	161.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE L	36.5	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	28.50	0.090	0.15	0.88	37	865	68	14 034	-1 126.2	1 465.8	1995	1996-02 GPP
8	21.00	0.080	0.13	0.85	47	848	69	15 717	-1 163.3	1 502.5	1995	1998-12 GPP
8	18.00	0.030	0.35	0.86	48	868	69	11 483	-1 138.4	1 483.0	1995	1998-12 GPP
8	11.90	0.040	0.25	0.86	47	848	69	13 549	-1 168.6	1 504.8	1995	1998-12 GPP
16	5.80	0.030	0.35	0.87	43	867	68	13 758	-1 109.0	1 451.1	1996	1996-07 GPP
16	18.00	0.050	0.20	0.88	38	893	61	13 529	-1 135.6	1 473.5	1996	1996-07 GPP
16	30.50	0.020	0.35	0.89	31	870	64	13 711	-1 132.9	1 471.8	1996	1996-08 GPP
16	22.50	0.060	0.20	0.89	31	870	64	13 873	-1 111.1	1 452.8	1996	1996-08 GPP
16	18.00	0.040	0.20	0.89	31	870	64	13 994	-1 111.8	1 451.0	1996	1998-06 ABAND 1998
16	23.50	0.040	0.20	0.89	31	870	64	12 286	-1 117.4	1 461.3	1996	1996-09 GPP
16	11.60	0.070	0.15	0.81	71	847	74	14 559	-1 219.9	1 578.3	1969	1997-03 GPP
16	14.00	0.050	0.16	0.82	67	854	77		-1 174.7	1 509.2	1997	1997-07 GPP
24	11.00	0.050	0.20	0.85	67	854	77	12 646	-1 101.0	1 444.6	1997	1997-07 GPP
16	14.50	0.030	0.30	0.82	67	854	77	13 658	-1 115.2	1 457.8	1997	1997-07 GPP
16	8.00	0.060	0.15	0.80	72	841	72	13 637	-1 187.9	1 549.0	1997	1997-07 GPP
14	27.40	0.110	0.10	0.85	56	837	71			1 504.8	1997	1998-07 GPP
32	4.01	0.100	0.40	0.90	80	854	49	13 502	-589.3	1 629.9	1952	1996-07 GPP
16	13.00	0.050	0.30	0.76	100	880	45	11 459	-713.6	1 751.0	1995	1996-03 GPP
64	15.39	0.066	0.40	0.62	134	817	65	15 432	-960.6	2 233.3	1980	1998-12 GPP
16	17.80	0.077	0.22	0.62	180	780	65	15 250	-928.7	2 149.6	1981	1988-12 ABAND 1998
64	15.90	0.090	0.30	0.62	134	823	65	15 215	-889.9	2 154.8	1980	1996-08 GPP
16	18.20	0.110	0.31	0.74	110	815	40	10 477	-390.4	1 232.6	1994	1996-08 GPP
3 307	8.41	0.110	0.25	0.79	98	810	40	10 650	-415.7	1 298.6	1969	1998-07 GPP
1 547	2.01	0.153	0.30	0.80	88	800	50	10 182	-747.0	1 521.4	1958	1990-07 GPP
16	6.80	0.120	0.30	0.80	88	816	50	10 383	-775.4	1 560.4	1988	1996-08 GPP
16	5.00	0.170	0.26	0.93	28	866	26	9 250	-7.0	1 045.0	1981	1990-12 ABAND 1992
698	5.77	0.145	0.35	0.79	76	834	57	10 562	-699.6	1 576.2	1967	1992-12 GPP
128	4.61	0.180	0.38	0.79	88	831	40	7 791	-669.8	1 509.3	1959	1985-08 GPP
192	2.22	0.130	0.35	0.80	76	837	57	10 241	-870.0	1 785.3	1990	1995-11 GPP
32	9.80	0.120	0.40	0.80	76	836	57			1 755.9	1997	1998-06 GPP
64	4.20	0.150	0.20	0.79	80	884	70	16 193	-1 261.4	2 166.6	1980	1990-12 GPP
64	3.50	0.120	0.22	0.71	119	861	69	16 402	-1 163.6	1 977.3	1994	1995-07 GPP
64	3.00	0.250	0.35	0.90	28	865	31	5 355	80.4	723.0	1981	1988-12 GPP
32	3.80	0.160	0.31	0.77	95	867	62		-655.5	1 448.0	1996	1997-10 GPP
225	2.08	0.170	0.30	0.87	51	898	52	11 237	-682.5	1 480.1	1965	1998-12 GPP
64	2.00	0.210	0.40	0.86	56	850	32	9 238	-396.5	1 217.5	1982	1982-08 GPP
64	2.90	0.170	0.40	0.88	49	867	37	9 371	-342.8	1 206.8	1984	1985-01 GPP
32	3.70	0.180	0.37	0.86	57	850	37	8 175	-331.1	1 155.0	1986	1995-11 ABAND 1995
64	5.80	0.230	0.34	0.88	49	880	36	9 371	-398.6	1 261.4	1986	1998-12 GPP
64	3.00	0.210	0.35	0.84	66	860	35	8 939	-394.7	1 207.5	1986	1988-01 GPP
64	4.70	0.210	0.24	0.87	51	853	42	8 974	-406.7	1 281.2	1987	1988-06 ABAND 1989
64	3.00	0.140	0.35	0.92	30	853	38	9 556	-390.0	1 264.5	1987	1991-10 ABAND 1989
16	3.70	0.140	0.45	0.80	79	877	56	9 757	-413.7	1 266.9	1989	1992-10 ABAND 1992

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
WATTS 031-16W4 (CONTINUED)								
LOWER MANNVILLE N	63.1	<0.01		0.1		0.1	0.1	1.7
BANFF A	50.0	0.10		5.0		5.0	3.3	
BANFF C	557.0	<0.05		26.6		26.6	26.6	
BANFF D	829.0	0.06		49.7		49.7	38.1	11.6
BANFF G	114.0	<0.01		0.4		0.4	0.4	
BANFF H	3 442.0	0.13		447.0		447.0	416.9	30.1
BANFF I	962.0	0.10		96.2		96.2	93.8	2.4
BANFF J	89.1	<0.05		4.1		4.1	4.1	
BANFF L	200.0	0.20		40.0		40.0	30.9	9.1
BANFF M	760.0	0.06		45.6		45.6	37.3	8.3
BANFF N	161.0	<0.08		11.3		11.3	11.3	
BANFF O	159.0	0.18		28.6		28.6	25.0	3.6
BANFF P	21.6	<0.01		0.1		0.1	0.1	
BANFF Q	168.0	0.15		25.2		25.2	17.8	7.4
BANFF W	116.0	0.10		11.6		11.6	11.5	0.1
BANFF X	123.0	<0.06		7.3		7.3	7.3	
BANFF Y	804.0	0.03		24.1		24.1	20.6	3.5
BANFF Z	421.0	<0.05		19.8		19.8	19.8	
BANFF AA	255.0	0.05		12.8		12.8	11.5	1.3
BANFF DD	493.0	0.05		24.7		24.7	14.7	10.0
BANFF EE	44.8	0.15		6.7		6.7	2.2	4.5
FIELD TOTAL	11 585.1			952.8		952.8	852.1	100.7
WAYNE-ROSEDALE 027-20W4								
VIKING H	73.3	<0.08		5.3		5.3	5.3	
VIKING M	106.0	<0.04		4.2		4.2	4.2	
BASAL COLORADO C	138.0	0.15		20.7		20.7	4.3	16.4
UPPER MANNVILLE E	176.0	<0.02		1.9		1.9	1.9	
UPPER MANNVILLE G	60.4	0.10		6.0		6.0	1.2	4.8
GLAUCONITIC F	159.0	<0.01		0.9		0.9	0.9	
GLAUCONITIC L	130.0	0.10		13.0		13.0	9.5	3.5
GLAUCONITIC M	109.0	<0.03		2.7		2.7	2.7	
GLAUCONITIC N	107.0	<0.02		1.6		1.6	1.6	
GLAUCONITIC DD	93.7	<0.01		0.4		0.4	0.4	
GLAUCONITIC KK	107.0	0.10		10.7		10.7	3.1	7.6
GLAUCONITIC OO	239.0	0.10		23.9		23.9	4.8	19.1
GLAUCONITIC EEE	327.0	0.15		49.1		49.1	7.2	41.9
GLAUCONITIC GGG	70.3	0.05		3.5		3.5	0.2	3.3
OSTRACOD D	78.3	<0.06		4.2		4.2	4.2	
OSTRACOD J	175.0	0.10		17.5		17.5	5.4	12.1
OSTRACOD M	224.0	0.20		44.8		44.8	37.8	7.0
BASAL QUARTZ B	9 794.0	0.10		979.0		979.0	875.4	103.6
BASAL QUARTZ E	4 504.0	0.03		135.0		135.0	122.9	12.1
BASAL QUARTZ F	105.0	0.11		11.6		11.6	11.2	0.4
BASAL QUARTZ G	76.8	<0.01		0.1		0.1	0.1	
BASAL QUARTZ H	157.0	<0.02		2.5		2.5	2.5	
BASAL QUARTZ O	73.8	<0.08		5.2		5.2	5.2	
BASAL QUARTZ U	132.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ AA	124.0	<0.01		0.3		0.3	0.3	
BASAL QUARTZ BB	357.0	<0.01		0.3		0.3	0.3	
BASAL QUARTZ DD	84.3	0.06		5.1		5.1	4.3	0.8
BASAL QUARTZ EE	205.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ FF	38.9	0.01		0.4		0.4	0.4	
BASAL QUARTZ GG	2 731.0	0.12		328.0		328.0	269.2	58.8
BASAL QUARTZ NN	145.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ OO	463.0	0.06		27.8		27.8	22.9	4.9
BASAL QUARTZ PP	360.0	<0.05		15.0		15.0	11.3	3.7
BASAL QUARTZ QQ	184.0	0.10		18.4		18.4	11.2	7.2
BASAL QUARTZ RR	150.0	0.10		15.0		15.0	8.4	6.6
BASAL QUARTZ VV	106.0	<0.03		2.3		2.3	2.3	
BASAL QUARTZ CCC	300.0	0.05		15.0		15.0	10.4	4.6
BASAL QUARTZ FFF	85.2	<0.01		0.5		0.5	0.5	
BASAL QUARTZ GGG	107.0	0.10		10.7		10.7	6.3	4.4
BASAL QUARTZ JJJ	452.0	0.10		45.2		45.2	26.1	19.1
BASAL QUARTZ LLL	168.0	0.10		16.8		16.8	7.4	9.4
BASAL QUARTZ MMM	110.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ VVV	67.2	<0.07		4.2		4.2	4.2	
BANFF C	300.0	0.21		63.0		63.0	53.5	9.5
NISKU A	5 528.0	0.40		2 211.0		2 211.0	1 096.1	1 114.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.10	0.180	0.40	0.83	64	844	47	8 978	-398.9	1 269.6	1987	1989-03 ABAND 1990
64	4.86	0.035	0.46	0.85	61	849	42	5 949	-409.3	1 271.2	1970	1986-10 GPP
259	4.71	0.070	0.26	0.88	58	862	40	9 509	-403.9	1 275.4	1984	1998-12 GPP
384	5.72	0.060	0.26	0.85	60	864	39	9 954	-351.5	1 217.5	1984	1996-08 GPP
64	6.30	0.045	0.26	0.85	60	882	42	9 526	-406.1	1 247.0	1985	1989-12 ABAND 1994
805	7.96	0.080	0.21	0.85	55	860	47	9 316	-395.0	1 254.1	1986	1995-12 GPP
192	14.18	0.054	0.23	0.85	61	885	42	9 580	-417.5	1 245.8	1986	1998-12 GPP
64	7.00	0.030	0.22	0.85	66	860	33	9 019	-408.0	1 257.3	1982	1993-01 ABAND 1992
72	6.60	0.080	0.38	0.85	61	849	42	9 707	-408.5	1 251.5	1981	1988-12 GPP
423	5.64	0.050	0.25	0.85	61	877	42	9 515	-414.1	1 233.8	1982	1996-08 GPP
32	16.00	0.050	0.26	0.85	61	882	42	9 349	-441.0	1 289.1	1986	1996-07 GPP
64	7.50	0.060	0.35	0.85	66	883	31	9 548	-413.7	1 235.8	1986	1997-12 GPP
16	6.30	0.040	0.37	0.85	66	883	31	9 362	-402.2	1 240.0	1986	1992-12 ABAND 1992
64	11.00	0.040	0.30	0.85	66	883	31	9 715	-413.2	1 232.5	1986	1989-12 GPP
32	9.50	0.060	0.25	0.85	63	849	42	8 840	-402.6	1 252.8	1986	1993-12 GPP
16	27.00	0.050	0.33	0.85	61	850	30	9 607	-421.1	1 269.2	1987	1996-07 GPP
192	14.28	0.050	0.31	0.85	61	849	42	9 129	-421.5	1 280.0	1987	1991-12 GPP
128	12.56	0.040	0.23	0.85	61	849	42	9 459	-417.3	1 267.1	1987	1996-12 ABAND 1996
64	9.60	0.065	0.25	0.85	61	845	42	9 206	-412.9	1 250.0	1987	1989-11 GPP
64	21.00	0.065	0.32	0.83	64	875	47	9 639	-425.0	1 300.0	1987	1991-12 GPP
64	2.60	0.040	0.26	0.91	31	865	60	9 900	-344.8	1 197.3	1995	1997-03 GPP
64	0.92	0.220	0.35	0.87	54	811	39	6 608	-249.2	1 042.3	1973	1996-07 GPP
64	1.22	0.240	0.35	0.87	54	811	32	8 148	-250.8	1 053.6	1977	1988-12 GPP
64	2.00	0.270	0.55	0.89	49	858	40	8 338	-385.6	1 193.5	1997	1997-12 GPP
16	14.00	0.140	0.30	0.80	88	857	40	10 096	-440.1	1 432.3	1979	1992-12 GPP
32	1.90	0.170	0.32	0.86	56	850	55	10 113	-585.8	1 464.1	1996	1996-12 GPP
65	1.86	0.200	0.20	0.82	80	829	43	9 807	-510.0	1 350.6	1961	1982-12 ABAND 1990
64	3.10	0.140	0.46	0.87	53	876	46	9 585	-523.1	1 338.1	1973	1979-01 GPP
16	5.50	0.230	0.39	0.88	47	892	46	9 986	-533.3	1 343.3	1978	1992-12 GPP
16	6.10	0.180	0.25	0.81	64	856	52	9 531	-508.0	1 224.8	1958	1992-12 ABAND 1994
64	2.20	0.150	0.49	0.87	50	869	45	8 725	-536.3	1 329.5	1984	1988-12 ABAND 1996
64	1.40	0.190	0.23	0.82	56	857	45	9 515	-432.9	1 377.4	1989	1989-08 GPP
64	3.20	0.200	0.33	0.87	60	849	44	9 848	-462.0	1 369.6	1991	1992-11 GPP
64	4.00	0.190	0.18	0.82	56	850	45			1 462.5	1996	1998-04 GPP
16	7.00	0.150	0.49	0.82	56	857	45			1 291.5	1997	1998-12 GPP
64	1.50	0.170	0.40	0.80	98	869	39	9 044	-443.8	1 446.3	1980	1996-07 GPP
128	1.07	0.210	0.24	0.80	62	870	43	8 958	-432.9	1 391.5	1979	1986-12 GPP
128	1.89	0.190	0.39	0.80	82	870	40	9 060	-445.9	1 400.0	1987	1997-12 GPP
1 394	10.50	0.160	0.49	0.82	71	870	44	10 435	-540.6	1 393.5	1954	1995-09 GPP
830	7.56	0.150	0.45	0.87	48	878	47	9 863	-521.5	1 353.0	1959	1990-02 GPP
110	1.00	0.170	0.30	0.80	74	870	48	9 289	-542.1	1 382.9	1957	1996-12 GPP
16	10.70	0.123	0.55	0.81	71	870	43	9 886	-512.5	1 374.2	1962	1963-02 ABAND 1963
16	9.14	0.180	0.27	0.81	74	870	48	10 070	-583.1	1 439.9	1961	1971-05 ABAND 1983
32	2.44	0.226	0.49	0.82	53	860	38	10 148	-439.6	1 445.4	1959	1996-07 GPP
16	6.71	0.220	0.32	0.82	74	865	49	9 913	-420.1	1 364.4	1971	1992-11 ABAND 1972
16	7.50	0.190	0.35	0.84	68	857	38	9 382	-457.2	1 414.8	1979	1992-11 ABAND 1981
64	8.20	0.160	0.50	0.85	68	857	40	9 914	-468.5	1 455.9	1979	1982-12 ABAND 1981
32	3.66	0.150	0.40	0.80	67	857	41	8 906	-449.8	1 360.8	1979	1992-12 GPP
64	4.39	0.140	0.35	0.80	88	857	41	9 726	-474.6	1 494.0	1979	1983-12 GPP
16	3.90	0.120	0.35	0.80	88	857	44	10 126	-497.3	1 443.3	1979	1995-12 GPP
826	4.92	0.150	0.44	0.80	63	862	38	8 098	-441.0	1 362.3	1976	1997-10 GPP
32	6.00	0.170	0.45	0.81	58	883	39	9 734	-497.8	1 390.3	1981	1994-11 ABAND 1993
128	9.30	0.120	0.60	0.81	72	863	38	9 736	-452.0	1 202.5	1981	1996-08 GPP
64	9.80	0.140	0.50	0.82	70	872	47	9 634	-438.6	1 289.0	1981	1998-12 GPP
64	5.00	0.140	0.50	0.82	70	882	47	9 870	-440.7	1 254.2	1980	1983-01 GPP
64	5.30	0.120	0.55	0.82	74	819	39	8 827	-444.2	1 229.2	1982	1983-01 GPP
16	9.40	0.160	0.45	0.80	60	876	52	9 649	-457.9	1 336.3	1980	1996-07 GPP
200	2.82	0.130	0.53	0.87	53	885	40	9 145	-443.7	1 213.9	1984	1993-12 GPP
16	9.00	0.140	0.52	0.88	48	878	47	9 333	-408.0	1 315.5	1986	1992-10 ABAND 1989
32	4.30	0.180	0.48	0.83	70	857	30	9 898	-454.2	1 257.0	1977	1998-12 GPP
50	12.67	0.150	0.46	0.88	48	878	46	9 554	-494.4	1 377.4	1989	1994-12 GPP
64	2.80	0.190	0.40	0.82	70	869	47	9 711	-474.6	1 352.2	1991	1992-05 GPP
16	10.60	0.140	0.44	0.83	66	855	49	9 447	-485.0	1 328.1	1991	1994-11 ABAND 1993
8	11.16	0.170	0.46	0.82	71	870	44			1 351.1	1960	1998-07 ABAND 1970
193	2.80	0.140	0.51	0.81	59	877	36	9 945	-472.7	1 380.6	1980	1997-12 GPP
924	9.65	0.090	0.16	0.82	78	851	54	13 639	-902.4	1 768.4	1993	1998-06 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
WAYNE-ROSEDALE								
027-20W4 (CONTINUED)								
NISKU C	1 143.0	0.20		229.0		229.0	4.5	224.5
NISKU D	414.0	0.20		82.8		82.8	1.0	81.8
NISKU E	445.0	0.35		156.0		156.0	12.6	143.4
FIELD TOTAL	31 283.2			4 591.1		4 591.1	2 665.7	1 925.4
WELLBURN 009-19W4								
SAWTOOTH B	14.6	<0.15		2.1		2.1	2.1	
FIELD TOTAL *	14.6			2.1		2.1	2.1	
WEMBLEY 073-08W6								
CHARLIE LAKE A	90.1	0.18		16.2		16.2	10.9	5.3
CHARLIE LAKE B	177.0	0.10		17.7		17.7	15.3	2.4
CHARLIE LAKE C	146.0	0.10		14.6		14.6	6.4	8.2
CHARLIE LAKE D	137.0	0.30		41.1		41.1	32.0	9.1
CHARLIE LAKE F	176.0	0.08		14.1		14.1	11.1	3.0
CHARLIE LAKE G	143.0	0.20		28.6		28.6	25.2	3.4
CHARLIE LAKE H & I	67.1	<0.06		3.6		3.6	3.6	
HALFWAY R	49.6	0.01		0.5		0.5	0.5	
HALFWAY U	99.0	<0.06		5.1		5.1	5.1	
HALFWAY V	142.0	0.10		14.2		14.2	6.6	7.6
HALFWAY B TOTAL	23 000.0			4 250.0	361.0	4 611.0	3 497.8	1 113.2
PRIMARY AREA	18 940.0	<0.19		3 596.0		3 596.0		
WATER FLOOD AREA	4 059.0	0.16	0.08	654.0	361.0	1 015.0		
DOIG E	2 817.0	0.10		282.0		282.0	270.2	11.8
DOIG F	70.5	0.15		10.6		10.6	1.9	8.7
DOIG G	1 205.0	0.03		36.2		36.2	30.0	6.2
FIELD TOTAL	28 319.3			4 734.5	361.0	5 095.5	3 916.6	1 178.9
WEST COVE 055-06W5								
NORDEGG-BANFF A	224.0	<0.01		2.1		2.1	2.1	
NORDEGG-BANFF B	144.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	368.0			2.2		2.2	2.2	
WEST DRUMHELLER								
030-20W4								
D-2 A	10 040.0	0.48		4 819.0		4 819.0	4 760.3	58.7
D-2 B	30.4	<0.01		0.1		0.1	0.1	
IRETON A	326.0	0.33		108.0		108.0	96.2	11.8
D-3 A	1 490.0	0.65		969.0		969.0	865.2	103.8
D-3 B	97.4	<0.01		0.6		0.6	0.6	
FIELD TOTAL	11 983.8			5 896.7		5 896.7	5 722.4	174.3
WEST PRAIRIE 072-15W5								
GILWOOD A	169.0	0.20		33.8		33.8	13.6	20.2
FIELD TOTAL	169.0			33.8		33.8	13.6	20.2
WESTEROSE 046-28W4								
BELLY RIVER A	451.0	0.05		22.6		22.6	8.1	14.5
UPPER MANNVILLE L	173.0	0.10		17.3		17.3	0.9	16.4
LOWER MANNVILLE G	50.4	<0.01		0.2		0.2	0.2	
BANFF B	1 781.0	0.12		214.0		214.0	93.7	120.3
D-3	31 000.0	0.78		24 180.0		24 180.0	23 312.4	867.6
FIELD TOTAL	33 455.4			24 434.1		24 434.1	23 415.3	1 018.8
WESTEROSE SOUTH								
043-02W5								
SECOND WHITE	120.0	0.05		6.0		6.0	0.1	5.9
SPECKS A								
VIKING A	148.0	0.10		14.8		14.8	12.3	2.5
GLAUCONITIC C	92.6	<0.03		2.6		2.6	2.6	
GLAUCONITIC D	377.0	0.05		18.9		18.9	7.0	11.9
OSTRACOD A	17.0	<0.01		0.1		0.1	0.1	
BASAL QUARTZ A	256.0	<0.01		0.2		0.2	0.2	
BASAL QUARTZ D	359.0	<0.01		2.1		2.1	2.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
316	7.60	0.070	0.19	0.84	57	851	54	14 102	-925.0	1 793.3	1995	1998-12
64	13.40	0.070	0.16	0.82	78	840	62		-915.1	1 757.0	1997	1998-04
128	7.67	0.070	0.21	0.82	78	840	62			1 736.7	1997	1998-04
16	1.00	0.200	0.48	0.88	60	878	33	10 838	-218.0	1 075.3	1995	1997-12 ABAND 1997
64	2.00	0.110	0.20	0.80	75	832	59	19 879	-1 341.8	2 077.4	1981	1997-12 GPP
64	3.00	0.139	0.15	0.78	183	832	83	19 657	-1 342.6	2 064.3	1980	1981-05 GPP
64	2.80	0.120	0.13	0.78	91	845	72	19 632	-1 395.6	2 189.2	1982	1986-02 GPP
128	2.07	0.090	0.18	0.70	135	840	66	24 583	-1 346.5	2 033.2	1979	1996-06 GPP
64	2.40	0.180	0.15	0.75	120	823	76	19 326	-1 354.8	2 080.4	1985	1996-08 GPP
171	1.35	0.109	0.15	0.67	140	833	72	24 572	-1 332.9	2 054.7	1986	1991-12 GPP
32	2.70	0.140	0.24	0.73	115	820	77	28 537	-1 491.3	2 281.5	1990	1998-12 GPP
64	2.55	0.090	0.48	0.65	183	807	83	21 253	-1 443.4	2 163.4	1984	1985-07 GPP
64	3.80	0.082	0.32	0.73	123	830	76	20 254	-1 372.9	2 049.9	1985	1994-06 ABAND 1993
64	6.50	0.070	0.25	0.65	183	805	83	19 548	-1 353.6	2 023.6	1990	1991-07 GPP
7 205					183	802	83	22 356	-1 393.4	2 109.8	1978	1997-09
5 938	6.59	0.102	0.27	0.65								GPP
1 267	6.10	0.101	0.20	0.65								GPP
592	13.71	0.070	0.26	0.67	162	802	76	21 901	-1 434.3	2 149.9	1980	1989-12 GPP
64	2.90	0.070	0.19	0.67	140	838	73	21 234	-1 404.1	2 143.6	1984	1984-12 GPP
192	18.16	0.075	0.28	0.64	171	809	81	23 375	-1 514.4	2 306.1	1982	1992-08 GPP
16	16.17	0.156	0.37	0.88	50	904	45	11 424	-704.8	1 469.8	1980	1992-11 ABAND 1989
32	6.70	0.120	0.39	0.92	27	919	43	8 952	-689.4	1 460.6	1984	1985-06 ABAND 1987
1 730	14.00	0.070	0.20	0.74	120	815	56	13 761	-883.5	1 679.6	1952	1992-12 GPP
64	2.00	0.045	0.40	0.88	120	833	44	13 374	-896.1	1 700.0	1985	1985-11 ABAND 1991
445	3.05	0.040	0.25	0.80	78	811	64	13 942	-892.7	1 709.6	1954	1998-12 GPP
324	7.50	0.087	0.13	0.81	69	839	57	14 183	-909.8	1 723.8	1954	1992-12 GPP
64	2.50	0.120	0.41	0.86	45	848	66	14 275	-921.2	1 701.8	1991	1992-08 ABAND 1992
64	2.50	0.170	0.30	0.89	36	835	86	24 015	-1 637.6	2 271.3	1990	1990-09 GPP
64	9.30	0.189	0.55	0.89	52	845	33	6 554	-72.3	932.0	1986	1986-08 GPP
32	12.80	0.100	0.45	0.77	95	867	62	11 713	-833.2	1 748.8	1985	1997-04
32	3.10	0.120	0.45	0.77	95	882	66	11 189	-802.9	1 655.3	1989	1998-06 ABAND 1993
312	6.74	0.160	0.33	0.79	81	881	58	14 957	-831.4	1 748.0	1994	1998-07
652	72.67	0.105	0.07	0.67	166	820	82	18 101	-1 317.4	2 211.6	1952	1997-12 GPP
16	9.50	0.150	0.30	0.75	118	842	57			1 558.5	1996	1998-07
128	2.57	0.087	0.37	0.82	80	827	51	15 434	-813.5	1 747.2	1986	1998-12 GPP
16	11.30	0.120	0.46	0.79	92	862	52	16 245	-979.1	1 965.9	1989	1996-07 GPP
32	15.16	0.120	0.28	0.90	62	895	56	12 383	-819.1	1 731.8	1992	1993-08
64	0.80	0.065	0.36	0.80	74	870	72	16 484	-966.3	1 868.3	1980	1989-12
64	5.50	0.130	0.30	0.80	86	882	60	12 722	-987.8	1 889.8	1980	1983-12 ABAND 1987
64	5.00	0.165	0.15	0.80	85	851	59	16 334	-888.9	1 852.0	1984	1989-12 ABAND 1990

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
WESTEROSE SOUTH								
043-02W5 (CONTINUED)								
BASAL QUARTZ E	125.0	<0.04		4.2		4.2	4.2	4
BASAL QUARTZ G	25.5	<0.04		0.9		0.9	0.9	
BASAL QUARTZ P	191.0	0.15		28.7		28.7	1.5	27.2
BANFF A	35.4	0.10		3.5		3.5	0.4	3.1
BANFF C	5 429.0	0.12		651.0		651.0	148.5	502.5
BANFF F	126.0	0.10		12.6		12.6	0.1	12.5
D-3 A	5 875.0	0.35		2 056.0		2 056.0	442.2	1 613.8
FIELD TOTAL	13 176.5			2 801.6		2 801.6	622.2	2 179.4
WESTLOCK 059-25W4								
VIKING R	840.0	<0.01		3.3		3.3	3.3	
VIKING EE	28.9	0.10		2.9		2.9	1.2	1.7
FIELD TOTAL	868.9			6.2		6.2	4.5	1.7
WESTPEM 049-13W5								
BELLY RIVER A	68.5	<0.01		0.4		0.4	0.4	
BELLY RIVER B	64.8	0.07		4.5		4.5	1.3	3.2
SECOND WHITE SPECKS A	38.6	0.10		3.9		3.9	2.4	1.5
OSTRACOD A	124.0	<0.08		9.5		9.5	9.5	
OSTRACOD B	78.0	0.20		15.6		15.6	12.1	3.5
OSTRACOD C	39.2	<0.01		0.2		0.2	0.2	
OSTRACOD D	69.7	0.10		7.0		7.0	5.0	2.0
OSTRACOD F	174.0	0.20		34.8		34.8	27.5	7.3
OSTRACOD G	1 000.0	0.20		200.0		200.0	144.2	55.8
OSTRACOD H	107.0	0.10		10.7		10.7	7.9	2.8
OSTRACOD I	15.4	<0.02		0.3		0.3	0.3	
OSTRACOD K	126.0	0.20		25.2		25.2	10.8	14.4
OSTRACOD M	61.7	0.20		12.3		12.3	2.1	10.2
OSTRACOD N	101.0	0.10		10.1		10.1	0.3	9.8
ELLERSLIE E	76.9	0.10		7.7		7.7	0.8	6.9
OSTRACOD J & ELLERSLIE A	102.0	0.40		40.8		40.8	33.6	7.2
NISKU A SOLVENT FLOOD	2 850.0	0.40	0.44	1 140.0	1 254.0	2 394.0	2 340.5	53.5
NISKU C SOLVENT FLOOD	4 000.0	0.40	0.42	1 600.0	1 680.0	3 280.0	3 172.6	107.4
NISKU D SOLVENT FLOOD	2 400.0	0.40	0.42	960.0	1 008.0	1 968.0	1 868.0	100.0
FIELD TOTAL	11 496.8			4 083.0	3 942.0	8 025.0	7 639.5	385.5
WHITECOURT 060-11W5								
VIKING A	32.3	<0.02		0.5		0.5	0.5	
VIKING C	73.1	0.10		7.3		7.3	6.1	1.2
JURASSIC K	89.8	0.20		18.0		18.0	16.2	1.8
JURASSIC L	156.0	<0.01		0.1		0.1	0.1	
PEKISKO F	62.8	<0.01		0.2		0.2	0.2	
FIELD TOTAL	414.0			26.1		26.1	23.1	3.0
WHITEHORSE 049-15W5								
CARDIUM A	97.2	0.10		9.7		9.7	5.8	3.9
FIELD TOTAL	97.2			9.7		9.7	5.8	3.9
WHITEMUD 051-25W4								
BLAIRMORE	238.0	<0.18		42.2		42.2	42.2	
ELLERSLIE A	53.8	<0.01		0.4		0.4	0.4	
FIELD TOTAL	291.8			42.6		42.6	42.6	
WIDEWATER 073-07W5								
GILWOOD A	1 008.0	0.45		454.0		454.0	353.9	100.1
FIELD TOTAL	1 008.0			454.0		454.0	353.9	100.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	3.30	0.095	0.17	0.75	120	854	60	18 122	-988.0	1 992.6	1985	1995-12 ABAND 1992
64	1.00	0.090	0.32	0.65	174	812	80	17 670	-952.4	1 904.7	1988	1991-10 ABAND 1990
64	2.50	0.180	0.15	0.78	112	827	60		-900.5	1 861.8	1997	1998-10
16	2.80	0.130	0.24	0.80	90	910	49	13 097	-824.8	1 771.6	1980	1997-01 GPP
662	11.30	0.140	0.36	0.81	75	882	66	16 159	-904.7	1 860.3	1995	1997-07
32	4.00	0.190	0.35	0.80	91	700	56			1 871.0	1996	1998-07
4 772	2.00	0.090	0.10	0.76	166	796	77	18 918	-1 418.7	2 331.6	1959	1997-12 GPP
740	1.81	0.150	0.56	0.95	42	837	29	5 240	-109.6	777.5	1976	1993-01 ABAND 1992
32	2.00	0.150	0.68	0.94	25	880	35			803.0	1997	1998-11 GPP
32	3.90	0.120	0.48	0.88	98	830	47	11 094	-561.3	1 548.7	1991	1996-04 ABAND 1996
32	3.70	0.120	0.43	0.80	80	810	49	11 192	-575.4	1 550.5	1991	1996-08 GPP
64	2.00	0.050	0.15	0.71	120	820	63	17 017	-1 119.4	2 104.0	1988	1988-12 GPP
32	4.00	0.150	0.10	0.72	125	811	88	17 123	-1 497.0	2 461.2	1981	1997-05 ABAND 1997
64	2.40	0.083	0.15	0.72	110	778	80	32 293	-1 450.2	2 432.7	1983	1996-12
64	1.70	0.085	0.20	0.53	165	805	97	32 535	-1 688.6	2 738.7	1985	1987-12 ABAND 1993
64	1.58	0.114	0.16	0.72	110	786	95	27 389	-1 422.5	2 393.9	1986	1986-09 GPP
128	3.00	0.085	0.30	0.76	260	812	96	38 634	-1 708.5	2 787.4	1988	1989-12
1 156	1.38	0.110	0.25	0.76	96	807	85	26 693	-1 466.8	2 462.3	1990	1993-12
64	1.60	0.170	0.17	0.74	116	821	78	30 314	-1 542.8	2 549.3	1990	1991-05
16	1.80	0.090	0.25	0.79	114	814	89	31 738	-1 706.6	2 803.4	1989	1996-07 ABAND 1998
64	3.50	0.100	0.26	0.76	81	795	96	23 040	-1 546.5	2 542.2	1992	1993-05 GPP
64	1.50	0.130	0.35	0.76	96	809	92	27 307	-1 410.5	2 406.5	1993	1995-01
64	2.00	0.130	0.20	0.76	96	809	92	25 497	-1 474.9	2 473.2	1994	1996-07 GPP
32	6.50	0.100	0.44	0.66	172	784	65			2 515.8	1997	1998-07
64	2.40	0.115	0.22	0.74	160	826	92	25 668	-1 499.7	2 497.9	1991	1997-12 GPP
61	85.63	0.100	0.12	0.62	208	815	100	38 330	-1 993.2	2 930.8	1977	1998-12 GPP
60	90.35	0.110	0.14	0.78	130	824	104	31 989	-2 056.6	3 033.3	1979	1998-12 GPP
88	47.29	0.117	0.07	0.53	328	798	104	40 841	-2 131.6	3 141.2	1979	1993-12 GPP
65	0.61	0.170	0.40	0.80	82	844	66	8 360	-459.0	1 252.4	1968	1971-05 ABAND 1970
64	1.75	0.150	0.50	0.87	50	836	56	8 560	-484.9	1 278.3	1988	1993-08 GPP
64	3.00	0.110	0.50	0.85	52	864	68	13 432	-866.2	1 715.1	1976	1997-10 GPP
16	9.55	0.185	0.38	0.89	88	887	70	16 396	-919.0	1 826.6	1987	1993-10 ABAND 1993
16	4.00	0.180	0.38	0.88	47	951	62	12 764	-766.4	1 532.5	1987	1994-08 ABAND 1994
64	3.00	0.090	0.25	0.75	285	749	60	24 393	-1 123.7	2 187.5	1978	1994-10 GPP
81	3.47	0.150	0.30	0.81	77	839	53	9 292	-547.2	1 243.0	1949	1974-12 ABAND 1970
16	3.20	0.190	0.30	0.79	97	840	54	9 500	-575.9	1 265.0	1987	1998-07 ABAND 1997
285	3.70	0.170	0.27	0.77	95	817	62	18 916	-1 154.5	1 852.9	1990	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
WILDUNN CREEK								
029-14W4								
BANFF A	195.0	0.10		19.5		19.5	6.1	13.4
FIELD TOTAL	195.0			19.5		19.5	6.1	13.4
WILDWOOD 054-09W5								
BASAL QUARTZ A	204.0	0.02		4.1		4.1	2.6	1.5
PEKISKO A	499.0	<0.02		8.5		8.5	8.5	
FIELD TOTAL	703.0			12.6		12.6	11.1	1.5
WILLESDEN GREEN								
042-07W5								
BELLY RIVER A	1 220.0	0.06	0.06	73.2	73.2	146.0	131.0	15.0
WATER FLOOD								
BELLY RIVER B	2 179.0	0.02		43.6		43.6	38.5	5.1
BELLY RIVER C	42.5	0.15		6.4		6.4	6.1	0.3
BELLY RIVER H	331.0	0.14		46.3		46.3	45.2	1.1
BELLY RIVER J	200.0	0.10		20.0		20.0	18.9	1.1
BELLY RIVER L	307.0	0.05		15.4		15.4	10.0	5.4
BELLY RIVER M	351.0	<0.01		0.1		0.1	0.1	
BELLY RIVER N	628.0	0.01		6.3		6.3	2.7	3.6
BELLY RIVER O	325.0	0.03		9.8		9.8	6.0	3.8
BELLY RIVER Q	359.0	<0.01		0.6		0.6	0.6	
BELLY RIVER R	56.8	<0.05		2.7		2.7	2.7	
BELLY RIVER T	41.3	<0.05		1.9		1.9	1.9	
BELLY RIVER Y	85.5	0.10		8.6		8.6	1.8	6.8
BELLY RIVER Z	124.0	<0.01		0.4		0.4	0.4	
BELLY RIVER BB	46.3	<0.04		1.7		1.7	1.7	
BELLY RIVER DD	17.5	<0.03		0.5		0.5	0.5	
BELLY RIVER EE	388.0	0.07		27.2		27.2	25.8	1.4
BELLY RIVER HH	148.0	<0.01		0.3		0.3	0.3	
BELLY RIVER II	426.0	0.05		21.3		21.3	14.1	7.2
BELLY RIVER JJ	115.0	0.06		6.9		6.9	6.4	0.5
BELLY RIVER MM	217.0	0.10		21.7		21.7	7.7	14.0
BELLY RIVER NN	88.8	0.05		4.4		4.4	1.3	3.1
BELLY RIVER OO	457.0	0.05		22.9		22.9	13.9	9.0
BELLY RIVER QO	216.0	0.05		10.8		10.8	8.9	1.9
BELLY RIVER SS	63.8	0.05		3.2		3.2	1.1	2.1
BELLY RIVER TT	209.0	0.02		4.2		4.2	2.4	1.8
BELLY RIVER UU	147.0	0.04		5.9		5.9	3.6	2.3
BELLY RIVER VV	160.0	<0.01		0.2		0.2	0.2	
BELLY RIVER WW	101.0	<0.01		0.7		0.7	0.7	
BELLY RIVER W & X	63.7	<0.07		4.3		4.3	4.3	
BELLY RIVER FF & XX	114.0	0.10		11.4		11.4	0.6	10.8
BELLY RIVER RR & MMM	550.0	0.06		33.0		33.0	30.0	3.0
BELLY RIVER AAA	89.2	0.10		8.9		8.9	6.7	2.2
BELLY RIVER DDD	347.0	0.10		34.7		34.7	15.6	19.1
BELLY RIVER FFF	73.6	0.10		7.4		7.4	3.8	3.6
BELLY RIVER GGG	1 233.0	0.15		185.0		185.0	49.5	135.5
BELLY RIVER HHH	72.7	0.10		7.3		7.3	0.4	6.9
BELLY RIVER III	39.7	0.05		2.0		2.0	1.6	0.4
BELLY RIVER JJJ	68.0	0.10		6.8		6.8	2.6	4.2
BELLY RIVER LLL	26.1	0.06		1.6		1.6	1.0	0.6
BELLY RIVER NNN	314.0	0.05		15.7		15.7	0.4	15.3
BELLY RIVER QQQ	49.2	0.02		1.0		1.0	0.3	0.7
CARDIUM E	409.0	0.10		40.9		40.9	40.1	0.8
CARDIUM G	22.0	<0.08		1.7		1.7	1.7	
CARDIUM H	170.0	0.11		18.7		18.7	17.3	1.4
CARDIUM I	190.0	0.05		9.5		9.5	7.3	2.2
CARDIUM J	60.7	<0.05		2.5		2.5	2.5	
CARDIUM K	86.9	<0.02		1.3		1.3	1.3	
CARDIUM L	76.6	<0.01		0.1		0.1	0.1	
CARDIUM R	54.4	0.10		5.4		5.4	0.6	4.8
CARDIUM A MU #1	141 600.0			11 580.0	12 070.0	23 650.0	20 228.8	3 421.2
TOTAL								
PRIMARY AREA	37 520.0	0.06		2 251.0		2 251.0		
WATER FLOOD AREA	68 500.0	0.10	0.14	6 850.0	9 590.0	16 440.0		
GAS FLOOD AREA	35 600.0	<0.07	0.07	2 480.0	2 480.0	4 960.0		
SECOND WHITE	54.7	<0.13		7.0		7.0	7.0	
SPECKS A								

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
120	3.39	0.070	0.22	0.88	51	877	43	9 215	-322.1	1 117.5	1990	1998-04 GPP
64	4.20	0.130	0.20	0.73	128	839	65	16 507	-966.4	1 767.5	1980	1986-12 GPP
128	5.21	0.120	0.22	0.80	75	852	58	13 066	-913.7	1 732.5	1982	1989-12 ABAND 1995
324	4.24	0.140	0.28	0.88	62	815	53	8 491	-430.2	1 542.8	1961	1985-12 GPP
512	4.86	0.137	0.23	0.83	62	815	54	9 315	-470.2	1 568.6	1956	1989-12 GPP
30	1.22	0.200	0.30	0.83	60	815	53	9 097	-427.1	1 547.5	1961	1990-07 GPP
64	6.85	0.130	0.30	0.83	62	820	47	9 252	-636.7	1 596.2	1968	1996-12 GPP
245	0.91	0.154	0.30	0.83	59	815	52	9 474	-591.9	1 529.2	1955	1988-12 GPP
64	5.24	0.153	0.28	0.83	67	815	53	9 041	-419.4	1 486.5	1962	1995-12 GPP
64	6.30	0.150	0.30	0.83	58	815	52	7 681	-309.3	1 390.0	1978	1982-12
128	7.70	0.137	0.44	0.83	65	825	56	8 264	-430.8	1 413.5	1981	1996-08 GPP
64	5.90	0.140	0.26	0.83	66	831	42	8 729	-411.0	1 461.2	1982	1986-12 GPP
64	5.30	0.150	0.15	0.83	65	773	55	8 752	-414.1	1 532.1	1982	1985-12 ABAND 1982
16	5.98	0.130	0.45	0.83	61	835	55	8 257	-390.5	1 391.6	1982	1996-07 GPP
16	3.70	0.120	0.30	0.83	61	835	55	10 238	-648.0	1 578.7	1983	1996-07 ABAND 1996
32	4.60	0.140	0.50	0.83	61	835	55	14 596	-566.3	1 542.9	1962	1992-06 GPP
64	2.00	0.180	0.35	0.83	70	844	40	9 240	-445.3	1 509.0	1983	1988-12
16	4.59	0.152	0.50	0.83	70	835	51	9 890	-483.7	1 460.8	1984	1996-07 GPP
16	2.00	0.120	0.45	0.83	65	825	55	10 063	-552.7	1 527.5	1985	1996-07 GPP
128	4.21	0.124	0.30	0.83	68	823	52	8 346	-583.7	1 609.5	1982	1990-04 GPP
64	5.00	0.110	0.40	0.70	130	782	54	10 961	-543.8	1 630.1	1987	1987-08
128	9.18	0.118	0.63	0.83	65	835	51	9 874	-517.5	1 555.4	1987	1988-01 GPP
64	3.60	0.120	0.50	0.83	65	835	51	8 428	-475.7	1 593.3	1987	1996-12 GPP
128	2.41	0.128	0.33	0.82	68	816	51	7 624	-365.3	1 360.9	1987	1989-05 GPP
32	3.92	0.133	0.24	0.70	130	781	54	8 023	-414.3	1 539.8	1987	1996-08 GPP
201	2.53	0.161	0.32	0.82	63	810	49	7 525	-394.7	1 418.7	1987	1991-12 GPP
128	2.61	0.140	0.34	0.70	130	782	54	9 673	-438.3	1 500.0	1987	1996-09 GPP
32	2.80	0.130	0.34	0.83	65	848	52	8 867	-602.6	1 580.7	1976	1998-04
64	4.00	0.155	0.38	0.85	54	831	53	7 712	-343.5	1 370.8	1988	1996-08 GPP
64	3.80	0.150	0.47	0.76	103	824	54	8 745	-391.3	1 431.0	1973	1998-12 GPP
64	2.40	0.180	0.32	0.85	54	782	53	13 479	-407.4	1 432.7	1989	1992-10
16	10.50	0.140	0.50	0.86	121	876	54	14 132	-483.7	1 566.8	1983	1996-07 GPP
16	7.29	0.120	0.35	0.70	61	835	55	13 620	-564.0	1 505.6	1964	1996-07 GPP
64	2.45	0.135	0.35	0.83	130	815	54	8 571	-487.0	1 540.8	1986	1987-05
96	7.27	0.150	0.28	0.73	130	781	54	8 857	-430.3	1 523.6	1988	1997-03 GPP
32	4.00	0.150	0.46	0.86	121	782	54	8 174	-447.5	1 479.8	1992	1993-07 GPP
128	3.84	0.140	0.40	0.84	61	825	55	10 679	-521.4	1 600.9	1992	1994-01 GPP
16	6.60	0.140	0.40	0.83	65	848	52	9 139	-432.9	1 365.9	1976	1994-08 GPP
473	3.49	0.150	0.40	0.83	65	848	52	8 478	-396.2	1 412.4	1995	1997-06
32	4.00	0.110	0.40	0.86	121	782	54	9 768	-403.2	1 412.5	1995	1996-01
16	3.70	0.150	0.48	0.86	121	782	54	8 080	-483.8	1 546.0	1978	1998-12 GPP
64	1.80	0.140	0.51	0.86	121	782	60	8 198	-498.9	1 519.4	1978	1996-04 GPP
16	2.30	0.150	0.45	0.86	120	782	54	10 754	-520.9	1 584.8	1978	1998-12 GPP
32	12.50	0.170	0.43	0.81	108	783	40	6 524	-307.0	1 292.5	1979	1996-12
16	3.87	0.140	0.30	0.81	108	783	40			1 545.0	1956	1998-07 GPP
192	4.26	0.100	0.23	0.65	176	830	55	20 431	-883.4	1 914.1	1978	1985-12 GPP
16	2.90	0.100	0.34	0.72	49	844	60	20 774	-884.3	1 905.4	1965	1996-07 GPP
64	2.78	0.150	0.15	0.75	110	834	60	20 889	-938.9	1 914.6	1975	1991-12 GPP
64	3.00	0.150	0.13	0.76	100	832	60	19 729	-994.4	1 985.3	1979	1998-12 GPP
16	4.40	0.130	0.15	0.78	97	830	68	20 278	-906.7	1 913.2	1983	1996-07 ABAND 1997
64	2.00	0.100	0.13	0.78	97	830	68	19 925	-1 064.0	2 012.0	1979	1988-12 ABAND 1994
64	1.80	0.140	0.34	0.72	110	830	71	21 632	-1 083.6	2 056.0	1980	1987-09 ABAND 1989
64	2.10	0.070	0.15	0.68	168	830	60		-883.0	1 891.7	1997	1997-11 GPP
73 397					176	820	60	22 233	-889.9	1 850.8	1954	1994-12 GPP
30 170	1.90	0.114	0.13	0.66								
32 914	2.29	0.153	0.10	0.66								
10 313	4.83	0.111	0.13	0.74								
100	1.22	0.080	0.20	0.70	149	801	71	21 608	-1 051.9	2 050.7	1975	1996-04 ABAND 1995

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
WILLESSEN GREEN									
042-07W5 (CONTINUED)									
SECOND WHITE	182.0	0.10		18.2		18.2	9.9	8.3	
SPECKS B									
SECOND WHITE	573.0	0.15		86.0		86.0	76.2	9.8	
SPECKS E									
SECOND WHITE	294.0	0.06		19.1		19.1	18.7	0.4	
SPECKS F									
SECOND WHITE	106.0	<0.02		1.2		1.2	1.2		
SPECKS G									
SECOND WHITE	219.0	0.05		11.0		11.0	9.8	1.2	
SPECKS H									
SECOND WHITE	356.0	0.03		10.7		10.7	6.3	4.4	
SPECKS I									
SECOND WHITE	5 012.0	0.03		150.0		150.0	84.7	65.3	
SPECKS L									
SECOND WHITE	166.0	0.03		5.0		5.0	5.0		
SPECKS M									
SECOND WHITE	336.0	0.10		33.6		33.6	10.4	23.2	
SPECKS N									
SECOND WHITE	385.0	0.10		38.5		38.5	5.3	33.2	
SPECKS P									
SECOND WHITE	169.0	0.05		8.5		8.5	0.5	8.0	
SPECKS Q									
SECOND WHITE	299.0	0.05		15.0		15.0	1.9	13.1	
SPECKS R									
SECOND WHITE	865.0	0.06		51.9		51.9	48.4	3.5	
SPECKS D & VIKING G									
VIKING A	7 103.0	<0.10		670.0		670.0	655.9	14.1	
VIKING B	524.0	0.26		136.0		136.0	132.9	3.1	
VIKING H	1 650.0	0.06		99.0		99.0	82.7	16.3	
VIKING L	28.7	<0.09		2.4		2.4	2.4		
VIKING M	34.9	0.15		5.2		5.2	1.9	3.3	
VIKING O	19.3	<0.03		0.5		0.5	0.5		
VIKING R	186.0	0.10		18.6		18.6	10.4	8.2	
VIKING T	44.9	<0.09		3.9		3.9	3.9		
VIKING V	12.3	0.16		2.0		2.0	1.9	0.1	
VIKING W	90.1	<0.11		9.7		9.7	9.7		
VIKING Y	39.8	<0.02		0.5		0.5	0.5		
VIKING Z	440.0	0.06		26.4		26.4	22.9	3.5	
VIKING AA	24.4	0.24		5.9		5.9	5.4	0.5	
VIKING BB	37.9	<0.11		4.0		4.0	4.0		
VIKING DD	14.9	<0.09		1.2		1.2	1.2		
VIKING EE	45.9	<0.12		5.2		5.2	5.2		
VIKING GG	66.8	0.15		10.0		10.0	5.0	5.0	
VIKING HH	60.0	0.10		6.0		6.0	1.0	5.0	
VIKING JJ	47.3	0.15		7.1		7.1	3.3	3.8	
GLAUCONITIC D	102.0	0.05		5.1		5.1	1.0	4.1	
GLAUCONITIC E	81.3	<0.03		1.7		1.7	1.7		
GLAUCONITIC A & ELLERSLIE D TOTAL	1 629.0			234.0	70.5	305.0	265.9	39.1	
PRIMARY AREA	219.0	0.10		21.9		21.9			
WATER FLOOD AREA	1 410.0	0.15	0.05	212.0	70.5	283.0			
OSTRACOD A	151.0	<0.01		0.6		0.6	0.6		
ELLERSLIE B	134.0	0.10		13.4		13.4	7.7	5.7	
ELLERSLIE E	92.2	<0.07		5.8		5.8	5.8		
ELLERSLIE F	206.0	<0.01		0.4		0.4	0.4		
ELLERSLIE N	129.0	0.20		25.8		25.8	4.4	21.4	
ROCK CREEK B	54.0	<0.01		0.2		0.2	0.2		
ROCK CREEK C	135.0	<0.01		1.3		1.3	1.3		
ROCK CREEK D	118.0	<0.01		0.1		0.1		0.1	
ROCK CREEK E	28.5	<0.08		2.1		2.1	2.1		
ROCK CREEK F	125.0	0.17		21.3		21.3	20.6	0.7	
ROCK CREEK G	337.0	0.05		16.9		16.9	15.0	1.9	
ROCK CREEK L	159.0	0.05		8.0		8.0	2.6	5.4	
ROCK CREEK M	39.9	0.20		8.0		8.0	1.0	7.0	
PEKISKO A	250.0	0.10		25.0		25.0	6.0	19.0	
PEKISKO B	230.0	<0.01		0.7		0.7	0.7		
FIELD TOTAL	178 248.1			14 186.1	12 213.7	26 399.9	22 344.0	4 055.9	
WILLINGDON 055-17W4									
VIKING H	87.0	<0.01		0.2		0.2	0.2		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	10.80	0.220	0.25	0.64	187	818	40	22 944	-1 066.8	2 078.7	1979	1996-12 GPP
242	9.87	0.050	0.25	0.64	180	815	62	23 639	-1 070.0	2 164.8	1985	1991-02 GPP
192	3.59	0.090	0.26	0.64	187	833	69	22 350	-1 119.7	2 128.9	1982	1993-12 GPP
4	35.20	0.150	0.30	0.72	125	820	72	24 733	-1 185.3	2 201.0	1981	1992-11 ABAND 1995
32	17.00	0.090	0.30	0.64	187	833	69	22 300	-1 146.4	2 121.0	1985	1998-12 GPP
64	13.80	0.090	0.30	0.64	187	833	69	23 423	-1 150.5	2 126.6	1985	1996-08 GPP
790	16.52	0.080	0.25	0.64	187	834	69	20 917	-1 006.9	2 054.2	1989	1998-12
16	18.00	0.120	0.25	0.64	187	834	69	22 152	-1 037.1	2 072.0	1989	1996-07
64	12.50	0.080	0.25	0.70	129	825	64	22 150	-1 097.6	2 098.3	1989	1992-01 GPP
192	5.60	0.080	0.30	0.64	187	833	69	24 990	-1 175.3	2 171.2	1995	1997-09
64	5.70	0.080	0.25	0.77	96	826	64	24 917	-1 186.9	2 188.4	1996	1997-07
32	13.50	0.120	0.25	0.77	96	826	64	18 602	-1 012.0	2 090.8	1996	1997-11
128	17.63	0.088	0.33	0.65	186	833	69	25 988	-1 172.0	2 151.4	1979	1994-03 GPP
7 900	2.41	0.082	0.30	0.65	154	834	74	25 383	-1 199.1	2 211.6	1956	1997-12 GPP
800	1.65	0.090	0.30	0.63	177	815	79	22 762	-1 064.2	2 089.2	1955	1997-12 GPP
384	4.90	0.160	0.13	0.63	180	800	86	22 905	-1 229.1	2 289.9	1983	1997-12 GPP
64	1.10	0.100	0.40	0.68	170	842	57	23 462	-1 106.1	2 126.2	1983	1989-12
100	0.90	0.100	0.43	0.68	210	823	70	22 731	-1 212.2	2 294.8	1983	1998-10
64	1.00	0.090	0.50	0.67	166	832	81	24 074	-1 241.5	2 204.5	1984	1984-10 ABAND 1986
554	0.92	0.080	0.32	0.67	166	832	81	21 998	-1 200.4	2 196.7	1981	1994-11 GPP
32	5.04	0.063	0.35	0.68	165	824	65	21 514	-1 241.0	2 209.3	1983	1996-07 GPP
64	0.85	0.060	0.40	0.63	177	818	86	18 931	-1 121.0	2 239.3	1983	1996-12 GPP
64	4.00	0.080	0.45	0.80	160	836	61	26 392	-1 191.0	2 175.2	1984	1996-07 GPP
64	1.77	0.076	0.30	0.66	170	818	80	24 297	-1 276.5	2 287.3	1982	1992-10
512	2.08	0.088	0.29	0.66	150	796	79	22 958	-1 239.5	2 271.2	1982	1993-12 GPP
64	1.00	0.080	0.30	0.68	180	825	70	25 091	-1 424.2	2 402.0	1983	1996-12 GPP
128	1.00	0.064	0.32	0.68	154	833	38	17 503	-1 057.8	2 135.5	1984	1996-07 GPP
16	2.00	0.105	0.35	0.68	154	834	74	19 661	-1 069.7	2 109.8	1980	1996-07 ABAND 1995
64	1.70	0.090	0.30	0.67	166	832	81	27 487	-1 136.7	2 207.2	1989	1994-11 ABAND 1993
64	3.10	0.090	0.45	0.68	154	834	74	25 638	-1 225.3	2 200.3	1994	1996-01
64	1.80	0.120	0.30	0.62	228	854	62		-1 234.8	2 228.5	1997	1997-11
64	1.50	0.090	0.27	0.75	110	826	78			2 103.5	1997	1998-06 GPP
32	4.30	0.150	0.25	0.66	171	846	73	24 561	-1 205.4	2 237.9	1981	1996-12
64	2.00	0.110	0.23	0.75	95	870	104	23 125	-1 449.6	2 356.0	1984	1991-10 ABAND 1988
891					106	876	76	25 211	-1 304.3	2 272.7	1963	1989-10 GPP
124	3.58	0.102	0.30	0.69								
767	3.20	0.119	0.30	0.69								
64	3.20	0.130	0.18	0.69	145	838	72	22 707	-1 401.6	2 402.3	1989	1990-12 ABAND 1991
64	5.20	0.100	0.32	0.59	180	831	86	21 248	-1 389.8	2 404.2	1983	1984-09 GPP
64	2.00	0.120	0.20	0.75	105	850	59	22 004	-1 385.5	2 386.0	1985	1996-07 GPP
64	3.00	0.170	0.11	0.71	125	836	88	23 216	-1 485.0	2 484.2	1985	1985-09
64	5.00	0.090	0.38	0.72	125	834	89			2 417.5	1997	1998-07
64	3.15	0.054	0.38	0.80	83	896	70	20 897	-1 404.9	2 366.3	1982	1988-12 ABAND 1984
64	5.00	0.090	0.30	0.67	145	835	86	21 304	-1 438.4	2 508.6	1983	1992-10 ABAND 1996
64	3.00	0.093	0.15	0.78	79	891	70	18 834	-1 503.0	2 487.0	1982	1983-10 ABAND 1987
32	2.18	0.087	0.30	0.67	142	812	90	21 291	-1 439.8	2 412.2	1984	1996-07
80	4.20	0.087	0.21	0.54	160	812	89	22 902	-1 419.6	2 483.5	1983	1996-12 GPP
64	9.87	0.120	0.43	0.78	142	867	78	17 282	-1 321.7	2 346.5	1986	1994-08 GPP
64	3.00	0.140	0.26	0.80	89	833	65	18 360	-1 381.1	2 390.5	1994	1997-07 GPP
64	1.30	0.150	0.50	0.64	193	821	75		-1 415.3	2 520.4	1997	1998-10 GPP
64	4.26	0.120	0.15	0.90	22	892	84	19 238	-1 306.3	2 276.2	1994	1995-08
32	5.50	0.190	0.15	0.81	74	892	73		-1 306.8	2 339.3	1994	1998-12 GPP
64	1.10	0.240	0.44	0.92	30	878	28	5 110	31.9	648.5	1985	1986-03 ABAND 1986

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
WILLINGDON 055-17W4 (CONTINUED)								
FIELD TOTAL	87.0			0.2		0.2	0.2	*
WILLOW 028-17W4								
VIKING B	66.8	0.10		6.7		6.7	4.9	1.8
FIELD TOTAL	66.8			6.7		6.7	4.9	1.8
WILSON CREEK 043-04W5								
BELLY RIVER D	1 811.0	0.08		145.0		145.0	143.9	1.1
BELLY RIVER F	64.0	<0.01		0.3		0.3	0.3	
BELLY RIVER H	285.0	0.05		14.3		14.3	6.6	7.7
BELLY RIVER I	517.0	0.15		77.6		77.6	46.3	31.3
BELLY RIVER J	237.0	0.05		11.8		11.8	4.8	7.0
BELLY RIVER O	66.7	0.10		6.7		6.7	0.6	6.1
BELLY RIVER A & M	14 460.0	<0.04		525.0		525.0	470.2	54.8
CARDIUM A	117.0	<0.01		0.6		0.6	0.6	
CARDIUM B	354.0	0.05		17.7		17.7	10.2	7.5
CARDIUM C	111.0	<0.02		1.4		1.4	1.4	
SECOND WHITE SPECKS A	79.5	<0.01		0.5		0.5	0.5	
SECOND WHITE SPECKS B	309.0	0.01		3.1		3.1	1.0	2.1
VIKING A	229.0	0.25		57.3		57.3	43.9	13.4
VIKING B	70.3	0.20		14.1		14.1	12.1	2.0
GLAUCONITIC F	210.0	0.06		12.6		12.6	6.6	6.0
OSTRACOD A	99.6	0.05		5.0		5.0	1.2	3.8
BANFF B	224.0	<0.02		4.3		4.3	4.3	
BANFF D	159.0	0.05		8.0		8.0	0.4	7.6
BANFF E	67.0	0.10		6.7		6.7	0.2	6.5
FIELD TOTAL	19 470.1			912.0		912.0	755.1	156.9
WIMBORNE 033-26W4								
GLAUCONITIC B	454.0	0.05		22.7		22.7	19.4	3.3
PEKISKO C	66.7	<0.01		0.1		0.1	0.1	
PEKISKO D	111.0	<0.01		0.1		0.1	0.1	
D-2 A	4 442.0	0.10		444.0		444.0	250.5	193.5
D-2 B	1 600.0	0.40		640.0		640.0	396.3	243.7
D-3 A	13 000.0	0.36		4 680.0		4 680.0	4 457.3	222.7
FIELD TOTAL	19 673.7			5 786.9		5 786.9	5 123.7	663.2
WINDFALL 060-15W5								
UPPER MANNVILLE D	84.1	<0.02		1.2		1.2	1.2	
BLUESKY A & GETHING J	1 112.0	0.10		111.0		111.0	47.7	63.3
GETHING D	24.2	<0.08		1.9		1.9	1.9	
RUNDLE A	2 000.0	0.22		440.0		440.0	418.0	22.0
PEKISKO C	127.0	<0.02		1.4		1.4	1.4	
D-2 A	183.0	0.20		36.6		36.6	21.7	14.9
D-3 A	13 400.0	0.25		3 350.0		3 350.0	2 795.5	554.5
D-3 B TOTAL	1 310.0			104.0	32.4	136.0	133.6	2.4
PRIMARY AREA	500.0	<0.05		23.3		23.3		
GAS FLOOD AREA	810.0	0.10	0.04	81.0	32.4	113.0		
D-3 C	795.0	0.07		55.7		55.7	45.4	10.3
D-3 F	381.0	<0.15		54.5		54.5	54.5	
D-3 G	157.0	0.20		31.4		31.4	25.1	6.3
D-3 H	59.5	<0.01		0.5		0.5	0.5	
D-3 I	111.0	0.10		11.1		11.1	3.5	7.6
D-3 J	272.0	0.20		54.4		54.4	7.8	46.6
FIELD TOTAL	20 015.8			4 253.7	32.4	4 285.7	3 557.8	727.9
WINTERING HILLS 025-17W4								
VIKING A	1 400.0	0.44		616.0		616.0	564.8	51.2
VIKING P	112.0	<0.08		8.4		8.4	8.4	
VIKING O	41.3	<0.01		0.1		0.1	0.1	
VIKING S	175.0	<0.01		0.8		0.8	0.8	
UPPER MANNVILLE S	81.5	0.15		12.2		12.2	3.1	9.1

LIGHT-MEDIUM CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.00	0.120	0.50	0.87	50	811	39	6 433	-221.3	1 109.8	1982	1997-01 GPP
503	4.72	0.150	0.38	0.82	82	815	42	8 458	-347.2	1 310.1	1966	1994-12 GPP
32	2.50	0.150	0.35	0.82	65	800	74	7 559	-379.2	1 340.3	1987	1995-05 ABAND 1994
64	6.40	0.140	0.30	0.71	67	807	51	7 623	-324.0	1 281.2	1988	1989-09 GPP
96	6.80	0.140	0.31	0.82	75	830	48	7 689	-325.1	1 348.5	1988	1998-09 GPP
64	5.50	0.140	0.42	0.83	70	827	35	7 436	-301.0	1 288.6	1972	1989-10 GPP
64	2.20	0.130	0.55	0.81	108	830	40		-366.5	1 350.1	1996	1997-04 GPP
4 040	5.31	0.140	0.42	0.83	62	833	68	6 791	-325.2	1 288.1	1979	1997-03 GPP
64	3.50	0.090	0.30	0.83	65	805	58	15 179	-651.4	1 617.1	1982	1983-06 ABAND 1987
128	2.93	0.150	0.10	0.70	133	829	59	15 091	-639.0	1 626.6	1971	1979-07 GPP
64	2.78	0.097	0.20	0.80	65	805	58	9 867	-639.2	1 607.5	1983	1988-12 ABAND 1987
64	4.00	0.090	0.50	0.69	130	834	66	15 755	-810.3	1 768.9	1987	1992-10 ABAND 1992
64	12.00	0.080	0.25	0.67	175	827	52	21 325	-923.8	1 890.0	1967	1998-12
656	0.73	0.110	0.42	0.75	98	837	72	15 180	-966.4	1 923.2	1987	1997-09
128	0.74	0.140	0.32	0.78	90	837	72	16 283	-1 018.7	1 987.7	1996	1998-04 GPP
64	4.95	0.110	0.30	0.86	40	862	79	16 274	-1 038.5	2 039.0	1979	1996-08 GPP
64	1.70	0.150	0.14	0.71	122	841	64	22 665	-1 172.1	2 199.7	1987	1995-03
64	4.57	0.111	0.20	0.86	53	876	66	19 801	-1 289.9	2 254.0	1974	1983-12 ABAND 1992
64	3.20	0.100	0.10	0.86	132	851	87	19 344	-1 231.5	2 188.1	1994	1995-02 GPP
32	5.70	0.070	0.31	0.76	104	866	82	19 240	-1 272.2	2 240.0	1996	1997-07
64	6.16	0.200	0.28	0.80	220	766	76	14 854	-852.7	1 772.0	1977	1996-08 GPP
32	4.80	0.080	0.33	0.81	79	866	73	8 419	-866.8	1 836.1	1957	1994-11 ABAND 1992
16	14.70	0.090	0.35	0.81	79	866	73	10 711	-879.5	1 846.3	1993	1997-02
1 214	12.00	0.060	0.23	0.66	160	834	78	20 552	-1 294.4	2 251.4	1961	1996-08 GPP
1 793	3.33	0.050	0.20	0.67	210	829	74	20 262	-1 252.7	2 220.2	1956	1998-12 GPP
6 897	4.50	0.070	0.12	0.68	206	820	79	21 256	-1 310.0	2 284.4	1954	1995-12 GPP
64	2.16	0.110	0.21	0.70	160	834	82	19 451	-1 039.6	2 064.6	1977	1988-08 ABAND 1995
561	2.86	0.120	0.24	0.76	102	849	63	20 238	-1 015.4	2 001.9	1976	1997-11 GPP
16	3.00	0.120	0.40	0.70	156	824	82	15 405	-1 063.6	2 098.7	1979	1996-07 ABAND 1996
864	3.35	0.120	0.20	0.72	118	834	82	17 526	-1 134.9	2 082.4	1957	1997-12 GPP
64	3.00	0.130	0.42	0.88	47	886	61	17 889	-1 179.1	2 187.5	1989	1998-12 ABAND 1989
64	7.90	0.090	0.24	0.53	327	811	96	18 653	-1 719.2	2 543.4	1978	1997-12
5 859	8.84	0.060	0.12	0.49	336	811	104	26 025	-1 768.9	2 593.9	1955	1997-12 GPP
424					243	825	103	25 084	-1 865.3	2 635.1	1972	1996-09 GPP
168	12.50	0.050	0.12	0.54								
256	13.31	0.050	0.12	0.54								
219	12.00	0.063	0.20	0.60	220	811	103	25 699	-1 882.2	2 747.1	1972	1998-12 GPP
64	11.50	0.100	0.11	0.58	108	779	104	24 425	-1 916.2	2 851.7	1987	1998-12 ABAND 1998
16	25.06	0.075	0.10	0.58	283	809	107	24 591	-1 922.2	2 907.8	1987	1997-10 GPP
16	8.10	0.090	0.12	0.58	28	810	107	23 978	-1 920.2	2 908.1	1990	1993-12
32	6.71	0.110	0.19	0.58	200	816	87	23 768	-1 897.3	2 661.1	1970	1996-07 GPP
32	14.60	0.120	0.10	0.54	283	815	107			2 929.8	1988	1998-10
310	4.01	0.231	0.44	0.87	56	825	27	7 853	-135.5	887.8	1958	1996-11 GPP
16	6.10	0.220	0.40	0.87	57	825	29	7 950	-137.9	869.1	1978	1996-07
64	0.90	0.150	0.45	0.87	57	835	29	7 620	-136.7	876.5	1979	1983-12 ABAND 1986
64	2.10	0.250	0.40	0.87	56	833	56	8 184	-121.9	861.3	1971	1986-12 GPP
32	2.87	0.170	0.40	0.87	60	849	44	8 944	-393.2	1 196.8	1990	1998-05 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
WINTERING HILLS 025-17W4 (CONTINUED)								
GLAUC III, L MANN W & UPPER MANNVILLE I	1 885.0	<0.03		44.0		44.0	40.4	3.6
LOWER MANNVILLE A	2 210.0	0.04		88.4		88.4	68.5	19.9
LOWER MANNVILLE L	148.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE O	210.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE R	129.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE T	660.0	0.06		39.6		39.6	38.6	1.0
LOWER MANNVILLE V	152.0	0.01		1.5		1.5	1.5	
LOWER MANNVILLE BB	57.0	<0.01		0.2		0.2	0.2	
ELLERSLIE A	115.0	<0.02		1.4		1.4	0.9	0.5
FIELD TOTAL	7 375.8			814.6		814.6	729.3	85.3
WIZARD LAKE 048-27W4								
BASAL QUARTZ A	79.3	<0.01		0.5		0.5	0.5	
BASAL QUARTZ B	86.6	<0.01		0.3		0.3	0.3	
D-2 A	613.0	<0.17		103.5		103.5	103.5	
D-3 A SOLVENT FLOOD	63 900.0	<0.66	0.19	42 170.0	12 130.0	54 300.0	53 615.0	685.0
D-3 B	160.0	<0.07		10.8		10.8	10.8	
FIELD TOTAL	64 838.9			42 285.1	12 130.0	54 415.1	53 730.1	685.0
WOKING 075-04W6								
HALFWAY A	255.0	<0.03		7.4		7.4	7.4	
HALFWAY B	1 756.0	0.06		105.0		105.0	84.4	20.6
FIELD TOTAL	2 011.0			112.4		112.4	91.8	20.6
WOOD RIVER 043-23W4								
LOWER MANNVILLE A	308.0	0.25		77.0		77.0	64.2	12.8
LOWER MANNVILLE F	33.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE P	28.2	0.15		4.2		4.2	1.3	2.9
LOWER MANNVILLE Q	360.0	0.15		54.0		54.0	4.3	49.7
LOWER MANNVILLE S	27.1	0.15		4.1		4.1	0.7	3.4
D-2 A	1 250.0	0.20		250.0		250.0	216.3	33.7
D-2 B	673.0	0.19		128.0		128.0	115.9	12.1
D-2 C WATER FLOOD	1 150.0	0.35	0.18	403.0	207.0	610.0	603.2	6.8
D-2 D	630.0	0.08		50.4		50.4	50.4	
D-2 E WATER FLOOD	1 075.0	0.35	0.15	376.0	162.0	538.0	497.4	40.6
D-2 G	118.0	0.10		11.8		11.8	5.0	6.8
D-3 A	551.0	0.11		60.6		60.6	59.2	1.4
D-3 B	290.0	0.30		87.0		87.0	59.9	27.1
D-3 C	124.0	0.25		31.0		31.0	15.2	15.8
FIELD TOTAL	6 617.7			1 537.2	369.0	1 906.2	1 693.1	213.1
WORSLEY 087-07W6								
CHARLIE LAKE A	826.0	0.35		289.0		289.0	258.2	30.8
CHARLIE LAKE B	7 256.0	0.12		871.0		871.0	661.7	209.3
CHARLIE LAKE C	59.6	<0.02		0.8		0.8	0.8	
CHARLIE LAKE D	83.3	<0.01		0.1		0.1	0.1	
CHARLIE LAKE G	26.1	<0.01		0.1		0.1	0.1	
CHARLIE LAKE L	124.0	0.05		6.2		6.2	1.7	4.5
CHARLIE LAKE M	330.0	0.15		49.5		49.5	3.8	45.7
CHARLIE LAKE H & J	5 440.0	0.05		272.0		272.0	140.9	131.1
D-1 A	63.9	<0.07		4.4		4.4	4.4	
WINTERBURN A	131.0	0.10		13.1		13.1	7.7	5.4
D-2 A	764.0	0.20		153.0		153.0	145.7	7.3
D-2 B	134.0	0.10		13.4		13.4	1.0	12.4
D-3 F	188.0	<0.03		5.2		5.2	5.2	
D-3 M	196.0	0.30		58.8		58.8	30.8	28.0
D-3 O	170.0	0.20		34.0		34.0	24.4	9.6
D-3 R	41.3	0.25		10.3		10.3	5.3	5.0
D-3 B & GRANITE WASH B	147.0	0.07		10.3		10.3	8.2	2.1
FIELD TOTAL	15 980.2			1 791.2		1 791.2	1 300.0	491.2
YEKAU LAKE 052-26W4								
LOWER MANNVILLE A	106.0	<0.04		3.4		3.4	3.4	
LOWER MANNVILLE B	514.0	0.10		51.4		51.4	30.4	21.0

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
923	2.48	0.160	0.38	0.83	90	866	39	9 832	-428.2	1 239.4	1983	1993-12 GPP
356	6.59	0.179	0.35	0.81	45	887	48	9 846	-405.1	1 287.0	1965	1997-12 GPP
64	1.54	0.210	0.15	0.84	66	860	46	9 762	-395.5	1 255.0	1973	1992-10 ABAND 1993
64	2.90	0.205	0.32	0.81	58	860	36	9 211	-428.0	1 330.3	1979	1983-12 ABAND 1988
16	10.00	0.150	0.35	0.83	66	857	37	9 176	-423.3	1 322.3	1979	1992-11 ABAND 1993
64	9.80	0.200	0.35	0.81	45	887	46	9 676	-397.4	1 261.3	1964	1993-12 GPP
16	6.50	0.250	0.28	0.81	64	894	38	9 629	-449.1	1 277.3	1983	1992-12 GPP
16	3.00	0.220	0.38	0.87	58	850	46	8 277	-434.4	1 242.5	1996	1997-12 ABAND 1997
16	5.74	0.220	0.30	0.81	45	887	46	9 366	-389.4	1 229.3	1964	1983-12 GPP
32	2.13	0.171	0.20	0.85	50	870	49	10 790	-692.6	1 466.2	1951	1961-01 ABAND 1960
32	2.44	0.165	0.20	0.84	53	870	49	14 750	-706.0	1 483.5	1952	1959-05 ABAND 1960
494	5.24	0.041	0.23	0.75	106	839	71	13 662	-908.4	1 693.6	1951	1994-11 ABAND 1988
1 075	86.96	0.098	0.07	0.75	109	834	72	15 738	-1 155.4	1 941.1	1951	1997-03 GPP
54	4.45	0.095	0.07	0.75	109	834	77	15 961	-1 287.7	2 111.2	1956	1972-05 ABAND 1969
128	2.62	0.170	0.42	0.77	150	865	65	13 882	-811.2	1 620.8	1982	1995-12 ABAND 1994
855	3.00	0.130	0.35	0.81	91	828	48	13 930	-812.9	1 540.1	1985	1998-12 GPP
94	2.70	0.200	0.27	0.83	115	847	57	10 740	-643.6	1 453.1	1956	1998-04 GPP
16	2.00	0.200	0.45	0.95	16	967	41	12 934	-708.8	1 588.0	1982	1983-07 GPP
17	1.60	0.170	0.29	0.86	57	843	57	9 181	-631.1	1 436.7	1997	1998-05 GPP
32	7.50	0.210	0.17	0.86	55	848	56		-622.8	1 423.3	1997	1997-10 GPP
8	3.00	0.180	0.27	0.86	114	837	41		-633.6	1 438.5	1997	1998-11 GPP
468	3.93	0.100	0.14	0.79	80	887	60	16 681	-882.3	1 729.8	1964	1994-12 GPP
61	23.00	0.080	0.20	0.75	80	887	60	15 919	-860.3	1 708.1	1963	1996-08 GPP
187	12.00	0.078	0.10	0.73	133	839	62	15 971	-872.9	1 765.3	1972	1992-12 GPP
31	38.74	0.080	0.17	0.79	98	887	60	16 087	-887.9	1 765.9	1983	1997-10 GPP
108	16.36	0.090	0.11	0.76	109	841	72	16 680	-882.4	1 746.4	1974	1992-10 GPP
16	7.20	0.150	0.10	0.76	107	825	70	15 999	-876.8	1 709.8	1995	1998-12 GPP
64	9.30	0.130	0.11	0.80	142	865	61	16 102	-896.7	1 694.2	1957	1998-12 GPP
64	8.44	0.080	0.16	0.80	77	868	61	13 335	-923.6	1 782.8	1981	1990-12 GPP
32	6.40	0.100	0.19	0.75	100	825	60	12 662	-935.6	1 798.7	1991	1992-04 GPP
323	2.07	0.190	0.26	0.88	57	844	43	8 445	-284.1	1 089.4	1960	1985-08 GPP
1 330	5.85	0.160	0.33	0.87	74	832	41	8 788	-318.9	1 042.9	1975	1991-07 GPP
16	4.10	0.170	0.40	0.89	39	853	42	7 871	-288.4	1 168.3	1990	1996-07 GPP
32	4.35	0.140	0.52	0.89	44	913	45	8 769	-330.6	1 371.8	1990	1995-05 ABAND 1995
16	2.00	0.170	0.40	0.80	95	882	20	8 692	-290.4	1 014.9	1991	1996-07 GPP
32	3.50	0.180	0.30	0.88	51	840	43		-244.2	1 157.2	1993	1997-06 GPP
64	5.00	0.170	0.25	0.81	89	852	42		-381.0	1 305.7	1997	1997-12 GPP
1 493	4.82	0.140	0.40	0.90	57	775	44	10 613	-397.0	1 152.8	1992	1994-09 GPP
64	6.10	0.030	0.30	0.78	111	832	60	21 114	-1 287.0	1 979.0	1990	1996-07 GPP
64	7.50	0.070	0.40	0.65	170	829	76	19 234	-1 310.3	2 221.9	1992	1995-08 GPP
447	3.75	0.080	0.24	0.75	110	823	76	20 239	-1 327.0	2 170.8	1983	1998-12 GPP
64	5.00	0.070	0.20	0.75	110	822	76	21 155	-1 458.0	2 150.0	1990	1996-04 GPP
204	4.57	0.070	0.55	0.64	106	825	81	22 084	-1 492.9	2 192.7	1961	1994-12 ABAND 1994
64	7.28	0.070	0.25	0.80	210	803	72	19 302	-1 306.1	2 106.8	1977	1992-11 GPP
64	3.00	0.130	0.17	0.82	70	842	76	21 754	-1 448.8	2 145.5	1995	1996-01 GPP
32	3.50	0.060	0.25	0.82	70	826	79		-1 648.2	2 380.0	1996	1997-05 GPP
64	2.50	0.140	0.18	0.80	68	853	85	22 083	-1 538.6	2 251.4	1992	1996-12 GPP
16	7.01	0.150	0.22	0.81	83	855	54	9 573	-543.8	1 257.6	1956	1991-12 ABAND 1987
85	5.71	0.180	0.30	0.84	58	810	56	10 942	-570.6	1 276.2	1961	1997-09 GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
YEKAU LAKE 052-26W4 (CONTINUED)								
D-1 A	78.7	0.20		15.7		15.7	3.4	* 12.3
D-2 A	96.1	<0.01		0.1		0.1	0.1	
D-3 A	1 070.0	0.66		706.0		706.0	692.4	13.6
D-3 B	39.4	<0.01		0.3		0.3	0.3	
FIELD TOTAL	1 904.2			776.9		776.9	730.0	46.9
YOUNGSTOWN 031-09W4								
VIKING D	57.3	<0.02		1.0		1.0	1.0	
UPPER MANNVILLE A	90.6	<0.01		0.1		0.1	0.1	
ARCS	2 841.0	0.45		1 278.0		1 278.0	1 208.3	69.7
ARCS B	309.0	<0.05		12.6		12.6	12.6	
FIELD TOTAL	3 297.9			1 291.7		1 291.7	1 222.0	69.7
ZAMA 117-04W6								
SULPHUR POINT B	352.0	<0.01		0.1		0.1	0.1	
SULPHUR POINT C	258.0	<0.02		3.2		3.2	3.2	
SULPHUR POINT D	78.9	<0.04		2.6		2.6	2.6	
SULPHUR POINT F	953.0	<0.09		81.2		81.2	81.2	
SULPHUR POINT R	52.6	<0.05		2.5		2.5	2.5	
SULPHUR POINT T	65.2	0.10		6.5		6.5	2.0	4.5
SULPHUR POINT U	28.5	<0.01		0.2		0.2	0.2	
SULPHUR POINT LL	98.1	0.10		9.8		9.8	3.7	6.1
SULPHUR POINT YY	114.0	0.10		11.4		11.4	0.1	11.3
SULPHUR POINT ZZ	89.8	0.10		9.0		9.0	0.1	8.9
SULPHUR POINT DD & KEG RIVER W5W	261.0	<0.06		14.2		14.2	14.2	
MUSKEG B	120.0	<0.21		24.3		24.3	24.3	
MUSKEG C	210.0	<0.19		39.4		39.4	39.4	
MUSKEG F	254.0	<0.12		30.2		30.2	30.2	
MUSKEG G	236.0	<0.08		18.4		18.4	18.4	
MUSKEG H	424.0	0.35		148.0		148.0	107.4	40.6
MUSKEG J	350.0	0.23		80.5		80.5	72.1	8.4
MUSKEG K	29.6	0.01		0.3		0.3	0.3	
MUSKEG L	365.0	<0.20		69.9		69.9	69.9	
MUSKEG N	97.7	<0.17		16.0		16.0	16.0	
MUSKEG O	286.0	<0.16		45.3		45.3	45.3	
MUSKEG P	127.0	<0.12		14.1		14.1	14.1	
MUSKEG R	159.0	0.20		31.8		31.8	30.8	1.0
MUSKEG S	77.8	<0.17		12.5		12.5	12.5	
MUSKEG T	415.0	0.20		83.0		83.0	73.5	9.5
MUSKEG U	268.0	<0.26		67.8		67.8	67.8	
MUSKEG V	400.0	<0.25		99.9		99.9	99.9	
MUSKEG X	78.9	<0.05		3.8		3.8	3.8	
MUSKEG Y WATER FLOOD	350.0	0.20	0.03	70.0	11.7	81.7	81.7	
MUSKEG AA	80.3	<0.14		10.6		10.6	10.6	
MUSKEG DD	100.0	<0.17		16.8		16.8	16.8	
MUSKEG EE	114.0	<0.29		32.8		32.8	32.8	
MUSKEG GG	365.0	<0.26		94.5		94.5	94.5	
MUSKEG HH	232.0	<0.02		3.2		3.2	3.2	
MUSKEG II	120.0	0.14		16.8		16.8	16.8	
MUSKEG KK	147.0	<0.03		4.4		4.4	4.4	
MUSKEG LL	159.0	<0.22		33.9		33.9	33.9	
MUSKEG MM	47.8	<0.11		4.8		4.8	4.8	
MUSKEG NN	351.0	<0.14		48.3		48.3	48.3	
MUSKEG OO	80.2	<0.01		0.1		0.1	0.1	
MUSKEG PP	49.9	0.25		12.5		12.5	11.2	1.3
MUSKEG QQ	140.0	<0.05		6.5		6.5	6.5	
MUSKEG RR	199.0	<0.11		20.1		20.1	20.1	
MUSKEG SS	95.9	<0.04		3.5		3.5	3.5	
MUSKEG TT	140.0	<0.02		1.8		1.8	1.8	
MUSKEG UU	225.0	<0.03		5.7		5.7	5.7	
MUSKEG VV	40.2	<0.01		0.2		0.2	0.2	
MUSKEG XX	204.0	0.11		22.4		22.4	12.8	9.6
MUSKEG YY	91.2	<0.02		1.6		1.6	1.6	
MUSKEG ZZ	32.3	<0.06		1.8		1.8	1.8	
MUSKEG CCC & KEG RIVER T8T	58.0	0.30		17.4		17.4	8.1	9.3
MUSKEG AAA	556.0	<0.29		158.7		158.7	158.7	
MUSKEG BBB	15.7	0.30		4.7		4.7	1.0	3.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.83	0.100	0.20	0.84	61	839	54		-645.1	1 358.0	1961	1997-06
65	5.79	0.042	0.24	0.80	83	820	60	11 484	-747.5	1 464.4	1963	1964-12 ABAND 1964
250	6.58	0.097	0.15	0.79	87	820	63	11 545	-846.1	1 556.4	1955	1996-08 GPP
16	7.32	0.060	0.30	0.80	85	849	61	11 333	-846.0	1 552.7	1967	1968-12 ABAND 1968
64	1.23	0.140	0.35	0.80	48	834	41	6 510	-120.1	890.3	1977	1988-08 GPP
64	1.10	0.220	0.35	0.90	44	884	34	9 157	-290.5	1 053.8	1979	1983-12 ABAND 1988
997	2.76	0.150	0.26	0.93	18	860	42	9 125	-369.1	1 132.4	1956	1992-07 GPP
64	4.70	0.130	0.16	0.94	14	839	44	9 014	-380.2	1 148.7	1987	1995-10 ABAND 1995
65	15.24	0.059	0.30	0.86	52	865	64	12 835	-944.9	1 484.7	1967	1969-05
19	25.91	0.070	0.13	0.86	73	839	65	13 021	-955.2	1 339.6	1967	1986-12
16	9.75	0.079	0.20	0.80	64	860	64	13 178	-971.6	1 333.7	1967	1996-07 ABAND 1997
138	15.95	0.066	0.20	0.82	74	834	69	13 414	-995.9	1 370.5	1967	1996-07 GPP
16	5.49	0.080	0.13	0.86	73	851	65	13 158	-971.5	1 337.9	1967	1996-07 GPP
16	9.30	0.066	0.17	0.80	76	843	68	13 153	-986.6	1 356.3	1985	1996-12
16	5.00	0.050	0.12	0.81	76	834	68	13 552	-1 022.4	1 397.3	1986	1996-07
16	10.40	0.090	0.22	0.84	65	859	66	12 634	-919.1	1 299.2	1971	1998-12
16	12.00	0.090	0.23	0.86	52	863	66		-969.7	1 547.9	1996	1997-05
16	14.50	0.060	0.25	0.86	52	863	66	12 304	-971.5	1 511.1	1996	1997-06
64	16.60	0.035	0.22	0.90	32	901	52	13 571	-1 072.3	1 423.3	1983	1996-07 GPP
8	18.00	0.100	0.11	0.94	16	881	66	14 132	-1 088.0	1 454.7	1966	1996-07 GPP
13	23.16	0.090	0.13	0.89	35	870	70	14 376	-1 084.4	1 469.7	1966	1991-10 ABAND 1991
10	63.89	0.060	0.20	0.83	62	860	72	14 240	-1 123.2	1 577.3	1967	1998-12 GPP
30	19.48	0.060	0.17	0.81	74	860	73	13 924	-1 058.6	1 556.9	1967	1974-12 GPP
20	47.06	0.064	0.19	0.87	47	834	70	15 634	-940.2	1 302.2	1967	1997-12 GPP
27	36.82	0.050	0.20	0.88	33	881	72	14 070	-1 064.1	1 452.4	1967	1995-12 GPP
16	6.71	0.046	0.25	0.80	80	887	60	13 696	-1 048.3	1 407.0	1967	1971-01 ABAND 1982
12	63.84	0.070	0.18	0.83	59	844	77	15 009	-1 144.5	1 513.0	1967	1994-11 ABAND 1990
5	55.47	0.046	0.14	0.89	37	881	71	14 058	-1 085.7	1 508.2	1967	1982-12 GPP
11	49.88	0.069	0.09	0.83	54	844	72	15 146	-1 120.3	1 508.9	1967	1996-07 GPP
11	28.01	0.056	0.21	0.94	16	892	66	14 131	-1 101.4	1 467.8	1967	1970-02 ABAND 1985
11	40.68	0.055	0.15	0.76	96	834	79	16 113	-1 187.7	1 589.0	1967	1996-08 GPP
11	14.33	0.070	0.15	0.83	39	860	71	14 377	-1 077.7	1 500.2	1967	1968-11 GPP
30	27.70	0.076	0.27	0.90	24	881	68	14 098	-1 089.2	1 460.6	1967	1998-12 GPP
7	66.23	0.080	0.15	0.85	48	887	66	14 920	-1 104.0	1 480.0	1966	1998-12 GPP
15	52.91	0.070	0.20	0.90	29	881	69	14 535	-1 089.3	1 470.7	1966	1998-12 GPP
12	10.36	0.090	0.14	0.82	67	855	71	14 150	-1 090.1	1 529.9	1968	1970-01 GPP
42	13.45	0.080	0.10	0.86	45	855	70	14 886	-1 141.9	1 503.4	1968	1996-09 GPP
9	24.14	0.058	0.25	0.85	57	876	71	13 438	-1 069.7	1 490.6	1968	1974-11 GPP
7	25.00	0.073	0.13	0.90	25	876	67	13 961	-1 053.7	1 446.0	1968	1981-09 ABAND 1980
3	45.30	0.108	0.09	0.85	42	860	69	14 468	-1 097.1	1 465.3	1968	1984-06 ABAND 1988
7	67.47	0.100	0.08	0.84	62	887	71	13 206	-1 127.5	1 521.9	1969	1995-08 ABAND 1995
16	38.10	0.054	0.20	0.88	41	881	70	14 061	-1 087.1	1 489.4	1968	1973-02 ABAND 1982
9	24.50	0.079	0.15	0.81	74	860	72	13 815	-1 053.4	1 508.2	1967	1987-12 ABAND 1990
16	21.50	0.060	0.19	0.88	32	881	72	14 336	-1 119.3	1 502.4	1969	1996-07 GPP
3	58.20	0.115	0.10	0.88	30	870	67	13 570	-1 088.1	1 454.8	1969	1994-11 ABAND 1990
13	27.71	0.024	0.30	0.79	82	855	71	13 406	-1 036.3	1 463.6	1971	1974-12 GPP
25	24.68	0.077	0.11	0.83	56	855	67	15 013	-1 126.6	1 516.7	1972	1996-07 GPP
16	24.08	0.036	0.32	0.85	44	844	36	16 302	-1 169.0	1 553.7	1973	1974-05 ABAND 1973
6	15.90	0.070	0.10	0.83	91	837	80	13 776	-1 107.2	1 536.8	1982	1991-12 GPP
31	8.24	0.070	0.10	0.87	37	839	74	13 064	-1 063.4	1 499.3	1983	1996-07 GPP
64	8.30	0.060	0.18	0.76	95	834	62	18 466	-1 113.6	1 502.5	1983	1996-07 GPP
16	12.00	0.070	0.14	0.83	54	844	79	13 788	-1 190.9	1 564.0	1983	1986-12 GPP
16	16.00	0.070	0.11	0.88	35	882	71	18 372	-1 101.7	1 499.3	1984	1988-12 GPP
39	15.61	0.050	0.16	0.88	35	878	73	14 860	-1 078.1	1 469.8	1984	1995-10 ABAND 1995
16	5.60	0.060	0.10	0.83	60	837	77	5 496	-1 188.8	1 578.4	1984	1988-12 ABAND 1985
64	8.00	0.060	0.19	0.82	59	817	66	18 669	-1 147.2	1 528.3	1986	1996-08 GPP
64	2.00	0.090	0.10	0.88	37	870	29	14 863	-1 032.5	1 427.5	1987	1992-06 ABAND 1990
32	1.50	0.090	0.14	0.87	42	882	70	13 563	-1 057.8	1 411.4	1968	1996-07 GPP
8	39.00	0.030	0.28	0.86	35	869	63	13 958	-1 088.4	1 699.8	1996	1998-12 GPP
10	105.70	0.074	0.10	0.79	74	834	79	13 439	-1 165.2	1 557.2	1967	1994-11 ABAND 1993
10	3.80	0.060	0.16	0.82	59	844	66	20 759	-1 118.8	1 509.5	1995	1996-03 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ZAMA 117-04W6 (CONTINUED)								
MUSKEG DDD	57.9	0.20		11.6		11.6	2.6	9.0
MUSKEG EEE	146.0	<0.01		1.2		1.2	1.2	
KEG RIVER A	874.0	0.36		315.0		315.0	283.3	31.7
KEG RIVER C	324.0	<0.14		45.0		45.0	45.0	
KEG RIVER D	477.0	0.35		167.0		167.0	130.2	36.8
KEG RIVER E	397.0	<0.24		93.3		93.3	93.3	
KEG RIVER F	546.0	0.33		180.0		180.0	170.7	9.3
KEG RIVER G	318.0	<0.31		98.5		98.5	98.5	
KEG RIVER H	1 750.0	0.30	0.07	525.0	122.0	647.0	642.6	4.4
WATER FLOOD								
KEG RIVER I	192.0	<0.01		0.7		0.7	0.7	
KEG RIVER J	477.0	0.12		57.2		57.2	49.0	8.2
KEG RIVER K	127.0	<0.29		36.6		36.6	36.6	
KEG RIVER L	234.0	0.25		58.5		58.5	49.8	8.7
KEG RIVER M	520.0	0.30		156.0		156.0	66.9	89.1
KEG RIVER N TOTAL	714.0			125.0	36.0	161.0	117.9	43.1
PRIMARY AREA	354.0	0.10		35.4		35.4		
WATER FLOOD AREA	360.0	0.25	0.10	90.0	36.0	126.0		
KEG RIVER O	1 030.0	0.34	0.06	350.0	61.8	412.0	369.0	43.0
WATER FLOOD								
KEG RIVER P	286.0	0.35	0.10	100.0	28.6	129.0	106.3	22.7
WATER FLOOD								
KEG RIVER R	179.0	<0.31		54.9		54.9	54.9	
KEG RIVER S	874.0	0.15		131.0		131.0	120.3	10.7
KEG RIVER T	200.0	0.30		60.0		60.0	54.5	5.5
KEG RIVER U	715.0	<0.30		210.1		210.1	210.1	
KEG RIVER V	162.0	0.20		32.4		32.4	24.4	8.0
KEG RIVER W	191.0	0.35		66.9		66.9	57.9	9.0
KEG RIVER X	306.0	<0.06		16.5		16.5	16.5	
KEG RIVER Y	261.0	0.15	0.05	39.2	13.1	52.3	45.3	7.0
WATER FLOOD								
KEG RIVER Z	477.0	<0.36		171.4		171.4	171.4	
KEG RIVER AA	191.0	0.35		67.0		67.0	60.7	6.3
KEG RIVER BB	180.0	<0.33		58.2		58.2	58.2	
KEG RIVER CC	795.0	0.25	0.15	199.0	119.0	318.0	315.1	2.9
WATER FLOOD								
KEG RIVER DD	317.0	<0.08		24.4		24.4	24.4	
KEG RIVER EE	1 030.0	<0.24		238.6		238.6	238.6	
KEG RIVER FF	1 270.0	0.30		381.0		381.0	361.0	20.0
KEG RIVER GG	953.0	<0.08	0.02	76.2	25.7	101.9	101.9	
WATER FLOOD								
KEG RIVER HH	155.0	0.25		38.8		38.8	37.8	1.0
KEG RIVER II	127.0	0.12		15.2		15.2	15.2	
KEG RIVER JJ	110.0	0.30		33.0		33.0	32.6	0.4
KEG RIVER KK	176.0	<0.21	0.08	36.0	14.1	50.1	50.1	
WATER FLOOD								
KEG RIVER LL	173.0	<0.27		45.4		45.4	45.4	
KEG RIVER MM	86.3	0.03		2.6		2.6	2.6	
KEG RIVER NN	509.0	0.27		137.0		137.0	128.4	8.6
KEG RIVER OO	148.0	<0.34		49.2		49.2	49.2	
KEG RIVER PP	763.0	0.29		221.0		221.0	214.3	6.7
KEG RIVER QQ	350.0	<0.23		78.5		78.5	78.5	
KEG RIVER RR	223.0	<0.29		63.3		63.3	63.3	
KEG RIVER SS	310.0	0.25		77.5		77.5	74.0	3.5
KEG RIVER TT	400.0	<0.29	0.03	113.9	12.0	125.9	125.9	
WATER FLOOD								
KEG RIVER UU	138.0	0.25		34.5		34.5	29.8	4.7
KEG RIVER VV	1 350.0	0.31		419.0		419.0	406.0	13.0
KEG RIVER WW	318.0	<0.18		56.8		56.8	56.8	
KEG RIVER XX	464.0	<0.20		90.8		90.8	90.8	
KEG RIVER YY	184.0	<0.26	0.05	46.1	9.2	55.3	55.3	
WATER FLOOD								
KEG RIVER ZZ	238.0	<0.25		58.1		58.1	58.1	
KEG RIVER BBB	207.0	<0.20	0.12	39.9	24.8	64.7	64.7	
WATER FLOOD								
KEG RIVER CCC	248.0	0.10		24.8		24.8	12.8	12.0
KEG RIVER DDD	308.0	0.30		92.4		92.4	83.7	8.7
KEG RIVER EEE	242.0	<0.14		32.0		32.0	32.0	
KEG RIVER FFF	169.0	<0.14		23.3		23.3	23.3	
KEG RIVER GGG	64.2	<0.19		12.1		12.1	12.1	
KEG RIVER HHH	260.0	0.20		52.0		52.0	42.1	9.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	21.00	0.030	0.30	0.82	59	856	67	13 385	-1 057.1	1 661.0	1996	1994-07 GPP
32	8.10	0.080	0.11	0.79	74	834	79	13 239	-1 013.0	1 431.0	1992	1996-12 GPP
25	64.33	0.071	0.11	0.86	46	876	68	14 440	-1 099.4	1 464.6	1966	1994-11 GPP
7	82.30	0.077	0.16	0.87	50	870	69	14 822	-1 119.0	1 482.9	1967	1983-12 ABAND 1980
8	115.56	0.074	0.16	0.83	60	849	72	15 185	-1 178.2	1 563.2	1967	1994-11 GPP
17	47.46	0.070	0.12	0.80	71	834	79	14 834	-1 139.1	1 509.7	1967	1998-07 ABAND 1998
20	51.42	0.071	0.12	0.85	52	849	71	14 553	-1 112.7	1 493.1	1967	1996-06 GPP
17	32.92	0.085	0.24	0.88	35	870	71	14 400	-1 074.8	1 464.3	1967	1996-07 GPP
141	42.15	0.047	0.28	0.87	36	865	74	14 083	-1 065.7	1 458.2	1966	1974-09 GPP
22	28.22	0.050	0.25	0.83	59	865	75	14 415	-1 120.8	1 509.7	1967	1968-05 ABAND 1989
7	91.20	0.100	0.10	0.83	66	865	72	13 755	-1 105.5	1 509.3	1967	1995-12 GPP
17	23.40	0.050	0.24	0.84	54	865	71	13 720	-1 031.8	1 421.9	1966	1994-11 ABAND 1991
20	34.01	0.050	0.20	0.86	46	865	72	13 479	-1 040.9	1 442.0	1967	1983-12 GPP
100	25.60	0.036	0.32	0.83	48	865	71	14 160	-1 063.4	1 486.8	1967	1997-12 GPP
34					64	865	71	13 992	-1 064.3	1 500.2	1966	1998-10
16	58.10	0.058	0.20	0.82								
18	52.56	0.058	0.20	0.82								GPP
35	47.45	0.087	0.19	0.88	35	860	71	14 822	-1 102.8	1 497.8	1967	1995-12 GPP
5	109.56	0.074	0.17	0.85	54	855	68	14 719	-1 123.6	1 522.9	1967	1996-09 GPP
10	24.23	0.100	0.17	0.89	30	876	68	14 258	-1 070.0	1 449.6	1967	1994-11 GPP
17	90.09	0.079	0.16	0.86	42	860	69	15 332	-1 123.2	1 496.6	1967	1991-12 GPP
15	30.00	0.060	0.15	0.87	38	870	70	14 660	-1 080.2	1 464.6	1967	1985-12 GPP
25	58.18	0.074	0.18	0.81	65	834	77	15 082	-1 149.8	1 527.1	1967	1996-07 GPP
20	50.00	0.030	0.35	0.83	63	865	71	13 849	-1 047.4	1 440.0	1967	1997-07 GPP
28	23.79	0.046	0.24	0.82	69	876	66	13 809	-1 040.9	1 434.1	1967	1996-12 GPP
18	34.14	0.080	0.25	0.83	33	881	69	13 758	-1 040.3	1 433.2	1967	1984-09 GPP
12	36.27	0.081	0.12	0.84	62	865	61	13 960	-1 044.0	1 446.9	1967	1992-11 GPP
11	71.57	0.085	0.12	0.81	73	855	72	14 573	-1 110.0	1 512.4	1967	1994-11 GPP
7	55.27	0.070	0.18	0.86	43	870	68	14 061	-1 049.9	1 495.5	1967	1989-07 GPP
25	30.30	0.040	0.30	0.85	76	865	72	13 770	-1 041.7	1 552.8	1967	1996-07 GPP
13	92.88	0.087	0.12	0.86	45	860	76	14 970	-1 132.5	1 594.0	1967	1996-12 GPP
15	48.13	0.061	0.20	0.90	35	887	63	13 959	-1 062.6	1 419.5	1967	1986-12 ABAND 1989
33	56.93	0.070	0.12	0.89	30	865	69	14 526	-1 073.0	1 460.9	1967	1996-07 GPP
28	86.48	0.071	0.11	0.83	58	839	78	15 237	-1 151.9	1 528.6	1967	1997-12 GPP
55	41.92	0.060	0.17	0.83	63	865	73	14 427	-1 080.2	1 485.6	1967	1996-07 ABAND 1996
21	42.43	0.030	0.30	0.83	60	860	71	13 850	-1 042.0	1 469.6	1967	1996-04 GPP
10	25.30	0.074	0.15	0.80	74	849	78	13 954	-1 060.2	1 561.0	1967	1994-11 GPP
15	29.30	0.042	0.30	0.85	35	865	71	13 807	-1 041.5	1 450.5	1967	1985-07 GPP
4	86.87	0.065	0.11	0.87	45	865	71	14 594	-1 099.4	1 538.3	1967	1998-12 GPP
10	20.46	0.100	0.08	0.92	26	881	64	14 104	-1 054.0	1 431.6	1967	1994-11 GPP
16	6.10	0.140	0.11	0.71	156	825	81	15 001	-1 142.8	1 522.9	1967	1985-12 GPP
16	37.40	0.120	0.08	0.77	88	829	76	15 170	-1 166.9	1 551.1	1967	1994-11 GPP
16	46.33	0.043	0.25	0.62	215	829	76	15 193	-1 167.0	1 555.1	1967	1994-11 GPP
15	94.29	0.074	0.10	0.81	72	829	80	15 352	-1 179.6	1 566.3	1967	1996-08 GPP
13	51.79	0.073	0.11	0.80	72	829	78	15 027	-1 138.5	1 536.3	1967	1994-11 GPP
16	31.39	0.063	0.15	0.83	64	865	71	13 562	-1 050.0	1 451.5	1967	1998-12 GPP
5	102.40	0.080	0.11	0.85	53	855	72	14 987	-1 130.8	1 528.6	1967	1990-12 GPP
23	43.30	0.055	0.14	0.85	49	865	73	13 856	-1 048.5	1 479.2	1967	1998-12 GPP
21	28.74	0.039	0.30	0.84	59	865	70	13 765	-1 042.1	1 598.1	1967	1995-12 GPP
26	92.67	0.075	0.10	0.83	58	855	77	15 030	-1 146.0	1 509.4	1967	1994-11 GPP
16	46.15	0.055	0.13	0.90	32	898	63	14 272	-1 071.6	1 443.5	1967	1994-11 GPP
13	67.30	0.071	0.11	0.84	71	860	71	15 105	-1 123.1	1 501.4	1967	1982-12 GPP
7	63.63	0.060	0.15	0.81	71	844	71	14 699	-1 138.8	1 521.6	1967	1992-09 ABAND 1990
24	20.95	0.110	0.12	0.49	331	811	77	15 446	-1 170.3	1 551.0	1967	1992-10 GPP
3	91.00	0.105	0.13	0.83	57	855	80	14 894	-1 113.8	1 565.8	1967	1994-11 GPP
32	17.50	0.070	0.22	0.81	65	860	76	14 355	-1 119.7	1 573.2	1967	1996-07 GPP
9	58.83	0.076	0.15	0.90	33	881	67	14 441	-1 079.7	1 467.5	1967	1998-12 GPP
16	35.68	0.064	0.22	0.85	52	865	70	13 440	-1 035.9	1 443.7	1967	1994-11 GPP
6	47.64	0.085	0.20	0.87	35	865	71	13 714	-1 050.2	1 454.7	1967	1994-11 ABAND 1994
3	82.20	0.045	0.35	0.89	45	860	83	14 249	-1 093.0	1 524.6	1967	1969-01 GPP
8	37.80	0.115	0.10	0.83	59	860	72	13 917	-1 029.7	1 464.3	1967	1996-11 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER III	230.0	0.35		80.5		80.5	72.1	8.4
KEG RIVER JUJ	477.0	0.40		191.0		191.0	183.2	7.8
KEG RIVER KKK	397.0	<0.18		70.9		70.9	70.9	
KEG RIVER LLL	176.0	0.30		52.8		52.8	42.9	9.9
KEG RIVER MMM	500.0	0.30		150.0		150.0	146.2	3.8
KEG RIVER NNN	588.0	<0.25		146.7		146.7	146.7	
KEG RIVER OOO	533.0	<0.09		45.7		45.7	45.7	
KEG RIVER PPP	213.0	<0.19		38.5		38.5	38.5	
KEG RIVER QOO	187.0	<0.23		42.3		42.3	42.3	
KEG RIVER RRR	636.0	<0.20		126.4		126.4	126.4	
KEG RIVER SSS	79.5	<0.22		17.3		17.3	17.3	
KEG RIVER TTT	127.0	0.26	0.12	33.0	15.3	48.3	48.3	
WATER FLOOD								
KEG RIVER VVV	443.0	<0.11		47.3		47.3	47.3	
KEG RIVER WWW	185.0	<0.15		27.1		27.1	27.1	
KEG RIVER XXX	477.0	<0.08		34.8		34.8	34.8	
KEG RIVER YYY	449.0	0.32		144.0		144.0	120.5	23.5
KEG RIVER ZZZ	238.0	<0.13		29.2		29.2	29.2	
KEG RIVER A2A	605.0	0.40		242.0		242.0	189.0	53.0
KEG RIVER B2B	795.0	0.28		223.0		223.0	218.3	4.7
KEG RIVER C2C	261.0	<0.16		39.6		39.6	39.6	
KEG RIVER E2E	313.0	0.22		68.9		68.9	61.6	7.3
KEG RIVER F2F	304.0	<0.08		21.4		21.4	21.4	
KEG RIVER G2G	963.0	0.14		135.0		135.0	126.3	8.7
KEG RIVER H2H	314.0	<0.04		10.3		10.3	10.3	
KEG RIVER I2I	195.0	0.30		58.5		58.5	52.8	5.7
KEG RIVER J2J	286.0	0.30		85.8		85.8	76.8	9.0
KEG RIVER K2K	120.0	<0.06		6.5		6.5	6.5	
KEG RIVER L2L	143.0	<0.10		13.7		13.7	13.7	
KEG RIVER M2M	354.0	0.30		106.0		106.0	105.3	0.7
KEG RIVER N2N	461.0	<0.30		135.3		135.3	135.3	
KEG RIVER O2O	604.0	<0.28		164.0		164.0	164.0	
KEG RIVER P2P	350.0	<0.27		91.1		91.1	91.1	
KEG RIVER Q2Q	356.0	<0.14		47.9		47.9	47.9	
KEG RIVER R2R	180.0	<0.10		17.9		17.9	17.9	
KEG RIVER S2S	350.0	0.28		98.0		98.0	90.8	7.2
KEG RIVER T2T	91.9	<0.21		18.5		18.5	18.5	
KEG RIVER U2U	429.0	0.20		85.8		85.8	81.9	3.9
KEG RIVER V2V	139.0	0.15		20.9		20.9	17.1	3.8
KEG RIVER W2W	165.0	<0.19		30.8		30.8	30.8	
KEG RIVER X2X TOTAL	751.0			184.0	126.0	310.0	288.5	21.5
PRIMARY AREA	204.0	0.17		35.7		35.7		
WATER FLOOD AREA	547.0	0.27	0.23	148.0	126.0	274.0		
KEG RIVER Y2Y	79.5	<0.02		1.0		1.0	1.0	
KEG RIVER Z2Z	477.0	<0.18		85.0		85.0	85.0	
KEG RIVER A3A	320.0	<0.12		38.1		38.1	37.8	0.3
KEG RIVER B3B	164.0	0.25		41.0		41.0	27.1	13.9
KEG RIVER C3C	111.0	<0.23		25.3		25.3	25.3	
KEG RIVER D3D	257.0	<0.27		68.4		68.4	68.4	
KEG RIVER F3F	420.0	<0.11		44.0		44.0	44.0	
KEG RIVER G3G	106.0	<0.12		12.1		12.1	12.1	
KEG RIVER H3H	218.0	<0.19		40.8		40.8	40.8	
KEG RIVER I3I TOTAL	636.0			110.0	35.1	145.0	137.4	7.6
PRIMARY AREA	134.0	0.07		9.4		9.4		
WATER FLOOD AREA	502.0	0.20	0.07	101.0	35.1	136.0		
KEG RIVER J3J	222.0	0.20		44.4		44.4	32.1	12.3
KEG RIVER K3K	207.0	0.20	0.09	41.3	20.2	61.5	61.5	
WATER FLOOD								
KEG RIVER L3L	159.0	0.20	0.15	31.8	23.9	55.7	50.9	4.8
WATER FLOOD								
KEG RIVER M3M	318.0	<0.04		10.4		10.4	10.4	
KEG RIVER N3N	302.0	<0.27		79.8		79.8	79.8	
KEG RIVER O3O	242.0	<0.06		13.9		13.9	13.9	
KEG RIVER P3P	472.0	<0.17		78.3		78.3	78.3	
KEG RIVER Q3Q	271.0	0.15		40.7		40.7	35.0	5.7
KEG RIVER R3R	395.0	0.40		158.0		158.0	150.8	7.2
KEG RIVER S3S	222.0	<0.33		71.3		71.3	71.3	
KEG RIVER T3T	242.0	<0.10		22.6		22.6	22.6	
KEG RIVER U3U	20.5	<0.26		5.3		5.3	5.3	
KEG RIVER W3W	524.0	0.26	0.07	136.0	39.7	175.7	175.7	
WATER FLOOD								

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
10	43.20	0.080	0.25	0.89	38	881	64	13 938	-1 065.6	1 427.7	1967	1996-06 GPP
21	46.09	0.070	0.20	0.88	30	865	72	14 573	-1 083.6	1 451.5	1967	1991-12 GPP
7	95.90	0.080	0.11	0.83	45	855	78	14 886	-1 119.7	1 557.1	1967	1994-11 ABAND 1997
16	37.90	0.050	0.30	0.83	62	865	69	13 246	-1 043.1	1 470.4	1967	1995-11 GPP
12	86.52	0.070	0.20	0.86	47	865	69	13 728	-956.4	1 330.0	1967	1989-12 GPP
17	69.67	0.073	0.15	0.80	72	844	80	15 533	-1 136.6	1 532.2	1967	1996-07 GPP
19	50.35	0.074	0.19	0.93	28	881	67	14 241	-1 066.0	1 453.7	1967	1982-12 ABAND 1988
19	42.15	0.040	0.20	0.83	60	860	71	13 334	-1 045.0	1 465.8	1967	1994-11 ABAND 1994
16	49.06	0.040	0.30	0.85	49	865	71	13 228	-1 042.0	1 466.4	1967	1994-11 GPP
20	71.08	0.077	0.17	0.70	145	829	73	15 332	-1 173.5	1 548.7	1967	1994-11 ABAND 1997
6	26.60	0.080	0.25	0.83	41	860	73	14 708	-1 124.7	1 547.2	1967	1986-12 GPP
4	50.70	0.080	0.10	0.87	43	865	73	14 284	-1 077.6	1 513.8	1967	1994-11 ABAND 1993
23	45.45	0.063	0.19	0.83	67	855	71	13 408	-1 039.5	1 469.3	1967	1994-11 GPP
8	37.73	0.080	0.15	0.90	34	887	63	14 035	-1 062.4	1 417.2	1968	1996-07 GPP
21	57.30	0.059	0.23	0.87	42	881	67	13 636	-1 050.8	1 460.5	1967	1986-12 ABAND 1994
20	42.03	0.074	0.16	0.86	43	876	71	14 727	-1 037.7	1 449.8	1967	1994-11 GPP
20	22.80	0.070	0.17	0.90	28	881	63	13 997	-1 073.3	1 426.9	1968	1986-12 ABAND 1988
50	25.09	0.070	0.15	0.81	74	849	71	13 343	-1 021.0	1 462.1	1968	1996-09 GPP
17	53.90	0.120	0.15	0.85	56	855	68	14 704	-1 116.8	1 490.2	1968	1990-12 GPP
16	42.00	0.060	0.20	0.81	71	860	71	12 894	-1 036.3	1 474.6	1968	1998-12 GPP
16	30.80	0.085	0.17	0.90	32	904	63	13 775	-1 050.9	1 418.6	1967	1998-12 GPP
23	36.79	0.055	0.24	0.86	46	865	68	13 706	-1 045.9	1 443.4	1968	1974-12 GPP
28	57.42	0.085	0.13	0.81	71	844	76	14 267	-1 118.0	1 510.3	1968	1996-08 GPP
15	38.10	0.078	0.17	0.85	52	865	70	13 678	-1 047.0	1 448.1	1968	1974-12 ABAND 1982
18	27.10	0.065	0.20	0.77	95	825	80	14 901	-1 147.2	1 557.2	1968	1996-06 GPP
14	31.74	0.087	0.14	0.86	47	870	69	14 407	-1 127.8	1 497.5	1968	1969-03 GPP
16	19.57	0.054	0.20	0.89	37	892	61	13 671	-1 047.0	1 413.1	1968	1973-02 ABAND 1990
16	38.10	0.040	0.30	0.83	66	865	68	12 818	-1 044.6	1 453.0	1968	1978-10 ABAND 1990
13	47.64	0.075	0.15	0.90	38	881	61	14 201	-1 076.2	1 436.8	1968	1995-07 GPP
12	56.57	0.094	0.15	0.85	59	860	68	14 375	-1 104.9	1 459.4	1968	1994-11 ABAND 1993
15	59.30	0.100	0.14	0.79	84	870	73	14 462	-1 095.3	1 515.2	1968	1998-12 GPP
11	45.79	0.094	0.16	0.88	38	865	69	14 091	-1 056.0	1 449.6	1968	1996-07 ABAND 1998
17	70.90	0.045	0.20	0.82	66	860	74	11 731	-1 048.4	1 492.8	1968	1998-12 GPP
12	29.59	0.080	0.12	0.72	115	825	66	15 269	-1 167.9	1 552.2	1968	1994-11 ABAND 1995
6	98.70	0.080	0.11	0.83	50	870	77	14 153	-1 114.1	1 522.5	1968	1994-12 GPP
7	22.34	0.075	0.11	0.88	35	867	67	13 370	-1 080.7	1 474.5	1968	1994-11 GPP
10	52.18	0.105	0.13	0.90	26	876	68	13 952	-1 064.0	1 451.5	1968	1979-06 GPP
20	20.70	0.050	0.21	0.85	55	865	71	13 243	-1 044.5	1 437.8	1968	1994-11 GPP
15	32.95	0.054	0.25	0.83	59	865	70	11 593	-1 042.4	1 463.3	1968	1994-11 ABAND 1990
50					78	844	76	12 688	-1 108.2	1 499.0	1968	1993-12 GPP
16	24.40	0.075	0.13	0.80								
34	30.82	0.075	0.13	0.80								
5	23.73	0.110	0.30	0.87	48	860	71	12 468	-1 101.3	1 521.9	1968	1969-11 GPP
17	30.23	0.120	0.15	0.91	26	887	64	13 571	-1 045.8	1 428.6	1968	1998-12 GPP
35	29.50	0.045	0.20	0.86	53	865	72	14 312	-1 037.2	1 454.2	1967	1997-12 ABAND 1997
17	23.70	0.060	0.20	0.85	52	865	70	12 403	-1 040.5	1 454.4	1968	1996-06 GPP
8	25.27	0.078	0.20	0.88	35	887	71	14 272	-1 100.0	1 498.7	1968	1983-12 ABAND 1996
16	34.60	0.065	0.15	0.84	59	860	74	14 117	-1 097.7	1 459.2	1969	1994-11 ABAND 1998
15	28.83	0.120	0.10	0.90	39	898	61	13 032	-1 046.8	1 400.7	1969	1996-07 GPP
11	16.95	0.075	0.15	0.90	34	887	63	13 563	-1 053.8	1 406.5	1969	1996-07 GPP
5	91.74	0.070	0.21	0.86	46	865	71	15 025	-1 129.0	1 525.3	1969	1996-07 GPP
117					63	865	72	13 085	-1 042.1	1 433.2	1968	1991-12 GPP
64	22.47	0.017	0.34	0.83								
53	23.77	0.060	0.20	0.83								
8	31.49	0.122	0.13	0.83	63	860	71	13 723	-1 045.0	1 456.3	1967	1995-12 GPP
8	44.30	0.079	0.12	0.84	61	865	71	13 758	-1 045.0	1 454.5	1967	1996-08 ABAND 1995
12	36.99	0.052	0.18	0.84	55	865	71	13 355	-1 045.0	1 442.9	1967	1986-12 GPP
19	24.29	0.090	0.12	0.87	35	865	71	13 549	-1 037.7	1 435.8	1968	1970-01 ABAND 1990
10	58.30	0.071	0.11	0.82	62	865	69	13 501	-1 141.0	1 501.7	1969	1998-12 GPP
9	55.41	0.079	0.25	0.82	71	855	68	13 425	-1 113.5	1 476.8	1968	1977-04 GPP
10	80.13	0.092	0.18	0.78	78	855	72	14 699	-1 123.5	1 581.3	1968	1988-12 ABAND 1990
16	42.98	0.065	0.27	0.83	57	870	71	12 401	-1 043.9	1 434.7	1969	1994-11 GPP
17	40.20	0.080	0.15	0.85	56	860	67	13 917	-1 093.8	1 451.3	1969	1990-12 GPP
11	23.81	0.112	0.12	0.86	52	887	77	13 922	-1 076.1	1 480.3	1969	1994-11 ABAND 1997
14	65.53	0.045	0.23	0.76	94	834	73	14 906	-1 139.4	1 533.8	1969	1998-12 GPP
1	35.90	0.079	0.16	0.86	46	860	71	9 477	-1 132.6	1 500.2	1969	1973-02 GPP
7	75.87	0.139	0.09	0.78	85	855	69	13 475	-1 106.4	1 517.6	1969	1998-07 ABAND 1997

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER X3X	253.0	<0.02		3.9		3.9	3.9	*
KEG RIVER Y3Y	236.0	<0.06		12.2		12.2	12.2	
KEG RIVER Z3Z	477.0	<0.31		143.7		143.7	143.7	
KEG RIVER A4A	49.9	<0.01		0.4		0.4	0.4	
KEG RIVER B4B	65.4	<0.18		11.3		11.3	11.3	
KEG RIVER C4C	329.0	<0.13		41.0		41.0	41.0	
KEG RIVER D4D	136.0	0.15		20.4		20.4	16.1	4.3
KEG RIVER E4E	332.0	<0.13		42.8		42.8	42.8	
KEG RIVER F4F	79.5	0.23		18.3		18.3	17.7	0.6
KEG RIVER G4G	370.0	<0.10		35.3		35.3	35.3	
KEG RIVER H4H	381.0	<0.14		49.9		49.9	49.9	
KEG RIVER I4I	222.0	<0.20		42.4		42.4	42.4	
KEG RIVER J4J	396.0	0.03		11.9		11.9	11.9	
KEG RIVER K4K	159.0	<0.19		29.3		29.3	29.3	
KEG RIVER L4L TOTAL	2 000.0			367.0	86.3	453.0	424.9	28.1
PRIMARY AREA	275.0	0.08		22.0		22.0		
WATER FLOOD AREA	1 725.0	0.20	0.05	345.0	86.3	431.0		
KEG RIVER N4N	191.0	<0.17		31.9		31.9	31.9	
KEG RIVER O4O	143.0	<0.13		18.3		18.3	18.3	
KEG RIVER P4P	159.0	0.35		55.6		55.6	51.0	4.6
KEG RIVER Q4Q	143.0	<0.16		21.5		21.5	21.5	
KEG RIVER R4R	267.0	0.07		18.7		18.7	18.7	
KEG RIVER S4S	270.0	<0.09		23.4		23.4	22.0	1.4
KEG RIVER T4T	318.0	<0.33		104.8		104.8	104.8	
KEG RIVER U4U	320.0	0.27	0.03	86.4	9.6	96.0	89.6	6.4
WATER FLOOD								
KEG RIVER V4V	95.3	<0.12		10.7		10.7	10.7	
KEG RIVER W4W	95.3	<0.25		23.7		23.7	23.7	
KEG RIVER X4X	424.0	<0.11		43.0		43.0	43.0	
KEG RIVER Y4Y	26.8	<0.31		8.3		8.3	8.3	
KEG RIVER Z4Z	236.0	<0.09		20.3		20.3	20.3	
KEG RIVER A5A	874.0	0.20		175.0		175.0	162.8	12.2
KEG RIVER B5B	165.0	<0.13		20.1		20.1	20.1	
KEG RIVER C5C	259.0	0.25		64.8		64.8	64.7	0.1
KEG RIVER D5D	300.0	<0.15		44.4		44.4	44.4	
KEG RIVER E5E	106.0	<0.01		0.1		0.1	0.1	
KEG RIVER F5F	45.4	<0.28		12.4		12.4	12.4	
KEG RIVER G5G	263.0	0.25		65.8		65.8	52.7	13.1
KEG RIVER H5H	267.0	<0.02		3.5		3.5	3.5	
KEG RIVER I5I	322.0	<0.18		56.4		56.4	56.4	
KEG RIVER J5J	340.0	<0.04		13.1		13.1	13.1	
KEG RIVER K5K	153.0	<0.03		4.2		4.2	4.2	
KEG RIVER L5L	285.0	<0.10		27.0		27.0	27.0	
KEG RIVER M5M	223.0	<0.04		8.6		8.6	8.6	
KEG RIVER N5N	93.2	0.35		32.6		32.6	31.8	0.8
KEG RIVER O5O	206.0	0.02		4.1		4.1	4.1	
KEG RIVER P5P	466.0	0.12		55.9		55.9	47.8	8.1
KEG RIVER Q5Q	205.0	<0.05		9.5		9.5	9.5	
KEG RIVER R5R	121.0	<0.04		4.4		4.4	4.4	
KEG RIVER S5S	317.0	<0.04		12.1		12.1	12.1	
KEG RIVER T5T	173.0	<0.01		1.5		1.5	1.5	
KEG RIVER V5V	395.0	<0.03		8.5		8.5	8.5	
KEG RIVER X5X	150.0	0.25		37.5		37.5	24.6	12.9
KEG RIVER Y5Y	238.0	0.45		107.0		107.0	77.1	29.9
KEG RIVER Z5Z	283.0	<0.11		29.7		29.7	29.7	
KEG RIVER A6A	205.0	0.20		41.0		41.0	36.0	5.0
KEG RIVER B6B	85.1	<0.06		4.7		4.7	4.7	
KEG RIVER C6C	186.0	<0.02		3.1		3.1	3.1	
KEG RIVER D6D	236.0	<0.06		12.7		12.7	12.7	
KEG RIVER E6E	350.0	<0.06		18.6		18.6	18.6	
KEG RIVER F6F	197.0	0.20		39.4		39.4	35.1	4.3
KEG RIVER G6G	311.0	0.20		62.2		62.2	33.9	28.3
KEG RIVER H6H	75.4	<0.03		2.1		2.1	2.1	
KEG RIVER I6I	429.0	0.07		30.0		30.0	21.3	8.7
KEG RIVER J6J	150.0	<0.03		3.2		3.2	3.2	
KEG RIVER K6K	140.0	<0.03		4.1		4.1	4.1	
KEG RIVER L6L	14.7	<0.09		1.2		1.2	1.2	
KEG RIVER N6N	286.0	<0.06		16.3		16.3	16.3	
KEG RIVER O6O	250.0	0.05		12.5		12.5	8.5	4.0
KEG RIVER P6P	260.0	<0.07		16.5		16.5	16.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
6	65.84	0.092	0.17	0.84	60	854	71	15 106	-1 155.5	1 524.0	1969	1986-12 GPP
12	50.17	0.055	0.20	0.89	30	881	70	12 446	-971.5	1 343.4	1969	1974-12 ABAND 1981
15	57.23	0.086	0.15	0.76	94	829	79	15 239	-1 165.4	1 534.5	1969	1994-11 GPP
11	9.69	0.068	0.15	0.81	60	855	71	13 205	-1 153.0	1 639.5	1969	1970-10 GPP
5	26.97	0.077	0.25	0.84	58	855	77	15 283	-1 169.9	1 639.6	1969	1978-07 ABAND 1985
14	44.84	0.080	0.17	0.79	89	860	71	13 542	-1 087.0	1 510.7	1969	1982-12 GPP
13	32.34	0.050	0.20	0.81	69	860	69	12 959	-1 045.4	1 487.7	1968	1996-06 GPP
16	30.82	0.090	0.15	0.88	35	870	69	11 479	-1 060.3	1 449.5	1969	1995-12 ABAND 1996
19	23.16	0.030	0.30	0.86	46	865	72	13 782	-1 040.6	1 444.1	1967	1998-12 GPP
7	66.73	0.100	0.10	0.88	35	860	67	12 526	-1 084.0	1 469.6	1970	1996-07 GPP
14	43.89	0.084	0.18	0.90	29	898	59	13 023	-1 040.4	1 420.5	1971	1994-11 ABAND 1994
12	40.54	0.065	0.22	0.90	38	887	62	13 624	-1 049.4	1 414.9	1971	1996-07 GPP
10	44.50	0.110	0.09	0.89	41	898	62	12 526	-1 052.6	1 424.5	1971	1996-07 ABAND 1997
12	30.25	0.060	0.18	0.89	41	898	62	12 337	-1 043.7	1 420.4	1971	1995-09 ABAND 1995
260					61	855	70	13 457	-1 099.2	1 533.9	1971	1994-12 GPP
32	24.00	0.056	0.18	0.78								
228	21.12	0.056	0.18	0.78								
7	41.47	0.086	0.15	0.90	35	881	61	9 503	-1 059.0	1 423.4	1971	1996-07 GPP
9	26.67	0.075	0.12	0.90	35	898	61	13 626	-1 046.1	1 416.4	1971	1996-07 GPP
6	39.82	0.085	0.13	0.90	35	892	61	13 895	-1 056.0	1 414.6	1971	1972-09 GPP
10	22.82	0.080	0.12	0.89	36	887	63	13 575	-1 044.0	1 420.7	1971	1996-07 GPP
9	36.60	0.100	0.10	0.90	35	904	61	13 537	-1 050.2	1 419.0	1971	1982-12 ABAND 1997
10	30.12	0.120	0.17	0.90	36	887	62	13 685	-1 046.9	1 418.5	1972	1993-12 GPP
7	87.25	0.075	0.11	0.78	83	829	77	15 807	-1 154.6	1 547.5	1971	1994-11 GPP
13	55.50	0.060	0.12	0.84	59	855	69	12 567	-1 128.1	1 486.2	1972	1991-07 GPP
4	73.75	0.047	0.21	0.87	47	849	72	14 490	-1 143.0	1 510.9	1968	1981-08 ABAND 1996
3	42.95	0.100	0.15	0.87	47	876	71	14 844	-1 122.2	1 481.3	1972	1996-07 GPP
12	51.31	0.090	0.10	0.85	60	865	45	14 458	-1 147.1	1 518.0	1972	1996-08 ABAND 1996
2	39.32	0.050	0.18	0.83	58	829	74	15 235	-1 195.4	1 561.2	1972	1996-07 ABAND 1996
25	24.99	0.055	0.12	0.78	89	834	72	13 758	-1 124.7	1 550.5	1971	1973-11 GPP
15	75.26	0.099	0.08	0.85	53	876	69	12 370	-1 065.5	1 454.4	1973	1986-12 GPP
7	55.47	0.065	0.16	0.78	89	811	82	14 950	-1 169.9	1 553.0	1973	1986-12 GPP
7	44.00	0.105	0.09	0.88	27	876	69	13 039	-1 055.0	1 444.6	1974	1975-04 GPP
11	52.80	0.075	0.14	0.80	71	825	88	14 960	-1 198.2	1 581.3	1974	1992-09 ABAND 1991
16	17.32	0.060	0.23	0.83	69	860	56	13 632	-1 030.6	1 467.1	1978	1982-12 GPP
16	9.00	0.050	0.25	0.84	50	861	60	13 608	-1 016.6	1 608.5	1978	1996-07 GPP
30	20.50	0.060	0.20	0.89	52	879	80	13 496	-1 058.8	1 446.2	1981	1995-12 GPP
8	75.50	0.070	0.20	0.79	76	855	66	13 742	-1 104.8	1 487.1	1981	1996-07 GPP
8	67.55	0.100	0.15	0.70	120	842	81	11 984	-1 179.0	1 553.1	1981	1996-07 GPP
19	51.30	0.050	0.16	0.83	62	860	51	12 765	-1 095.3	1 508.8	1982	1998-12 GPP
16	28.50	0.050	0.14	0.78	83	831	79	14 284	-1 214.4	1 586.8	1982	1992-11 ABAND 1990
13	26.00	0.120	0.21	0.89	36	894	61	14 037	-1 053.4	1 425.5	1982	1996-07 GPP
16	23.00	0.080	0.15	0.89	36	911	61	12 943	-1 054.6	1 406.5	1983	1989-12 GPP
16	15.26	0.050	0.08	0.83	60	853	73	13 765	-1 091.0	1 526.9	1983	1994-11 GPP
25	17.60	0.060	0.12	0.89	31	906	66	13 819	-1 063.3	1 412.4	1983	1994-11 GPP
8	55.00	0.140	0.10	0.84	55	865	71	14 213	-1 062.4	1 456.6	1983	1992-09 GPP
8	68.70	0.060	0.25	0.83	60	830	71	15 925	-1 112.3	1 500.0	1984	1995-11 ABAND 1995
16	21.00	0.050	0.18	0.88	42	854	69	15 962	-1 190.1	1 567.5	1984	1984-08 ABAND 1986
8	56.16	0.100	0.15	0.83	58	858	74	14 342	-1 137.3	1 629.7	1983	1996-07 GPP
16	17.50	0.080	0.10	0.86	43	881	66	13 529	-1 109.5	1 512.1	1983	1986-12 ABAND 1992
16	37.75	0.080	0.12	0.93	51	874	77	14 368	-1 072.2	1 470.8	1983	1998-12 GPP
14	38.40	0.050	0.32	0.82	39	864	71	10 554	-1 046.9	1 590.4	1984	1986-01 GPP
50	13.20	0.050	0.18	0.88	42	858	69	10 722	-1 095.2	1 453.7	1984	1993-08 GPP
19	32.10	0.065	0.14	0.83	74	865	70	13 826	-1 034.1	1 458.4	1984	1998-07 ABAND 1998
32	27.40	0.040	0.25	0.78	89	855	71	13 709	-1 097.7	1 528.7	1984	1994-11 GPP
38	16.05	0.023	0.26	0.82	64	863	71	13 424	-1 037.6	1 448.0	1984	1998-12 GPP
21	28.99	0.046	0.18	0.81	73	856	69	15 173	-1 164.3	1 571.9	1984	1986-06 ABAND 1993
36	16.91	0.055	0.13	0.81	73	846	69	13 319	-1 098.5	1 554.8	1984	1998-12 ABAND 1992
6	51.90	0.150	0.12	0.85	49	865	65	13 566	-1 055.8	1 473.8	1985	1996-07 GPP
16	27.76	0.060	0.15	0.87	38	882	73	10 653	-1 042.0	1 621.5	1985	1994-11 GPP
25	37.50	0.050	0.22	0.85	49	878	73	13 205	-1 048.5	1 552.6	1985	1996-02 GPP
16	16.50	0.046	0.27	0.85	51	885	66	13 404	-1 074.7	1 424.3	1972	1988-12 ABAND 1994
10	75.11	0.083	0.18	0.84	55	865	71	12 678	-1 084.6	1 479.8	1985	1994-11 GPP
22	27.65	0.046	0.33	0.80	84	869	73	15 516	-1 176.6	1 602.4	1985	1989-12 ABAND 1991
8	31.57	0.070	0.10	0.88	33	878	69	13 173	-1 037.0	1 428.6	1985	1989-12 ABAND 1997
8	8.50	0.040	0.35	0.83	55	823	62	13 279	-1 117.6	1 470.8	1985	1994-11 GPP
16	30.60	0.080	0.15	0.86	41	855	70	14 355	-1 184.4	1 561.8	1986	1996-07 ABAND 1998
26	23.46	0.064	0.18	0.78	79	834	79	13 569	-1 214.1	1 579.8	1986	1989-12 GPP
16	35.42	0.062	0.16	0.88	34	850	72	14 445	-1 180.1	1 550.0	1986	1996-07 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ZAMA 117-04W6 (CONTINUED)								
KEG RIVER 06Q	251.0	0.25	0.08	62.8	21.5	84.3	84.3	↓
WATER FLOOD								
KEG RIVER R6R	130.0	0.35		45.5		45.5	35.8	9.7
KEG RIVER S6S	235.0	0.20		47.0		47.0	42.5	4.5
KEG RIVER T6T	300.0	0.08		24.0		24.0	17.0	7.0
KEG RIVER U6U	210.0	<0.08		15.7		15.7	15.7	
KEG RIVER V6V	174.0	<0.07		11.9		11.9	11.9	
KEG RIVER W6W	130.0	<0.14		17.0		17.0	17.0	
KEG RIVER X6X	116.0	0.10		11.6		11.6	8.1	3.5
KEG RIVER Y6Y	551.0	0.29		160.0		160.0	135.8	24.2
KEG RIVER Z6Z	117.0	0.40		46.8		46.8	30.5	16.3
KEG RIVER A7A	78.9	<0.07		4.8		4.8	4.8	
KEG RIVER B7B	175.0	<0.18		29.9		29.9	29.9	
KEG RIVER D7D	68.2	0.06		4.1		4.1	4.1	
KEG RIVER E7E	171.0	<0.09		14.5		14.5	14.5	
KEG RIVER F7F	373.0	0.04		14.9		14.9	8.0	6.9
KEG RIVER G7G	295.0	0.20		59.0		59.0	38.3	20.7
KEG RIVER H7H	168.0	<0.01		1.5		1.5	1.5	
KEG RIVER I7I	709.0	0.10		70.8		70.8	54.2	16.6
KEG RIVER J7J	310.0	0.10		31.0		31.0	5.9	25.1
KEG RIVER K7K	111.0	<0.03		2.5		2.5	2.5	
KEG RIVER L7L	85.3	<0.05		4.0		4.0	4.0	
KEG RIVER M7M	669.0	<0.03		13.8		13.8	13.8	
KEG RIVER N7N	45.8	<0.03		1.0		1.0	1.0	
KEG RIVER O7O	39.5	0.22		8.7		8.7	8.1	0.6
KEG RIVER P7P	146.0	0.10		14.6		14.6	8.4	6.2
KEG RIVER Q7Q	247.0	<0.08		18.0		18.0	18.0	
KEG RIVER R7R	359.0	0.05		18.0		18.0	4.6	13.4
KEG RIVER S7S	89.8	0.42		37.7		37.7	33.6	4.1
KEG RIVER T7T	122.0	0.15		18.3		18.3	14.8	3.5
KEG RIVER U7U	156.0	<0.01		1.3		1.3	1.3	
KEG RIVER V7V	185.0	0.30		55.5		55.5	31.4	24.1
KEG RIVER W7W	98.8	0.15		14.8		14.8	14.2	0.6
KEG RIVER X7X	34.9	<0.09		3.0		3.0	3.0	
KEG RIVER Y7Y	278.0	<0.03		5.8		5.8	5.8	
KEG RIVER Z7Z	652.0	0.20		130.0		130.0	60.5	69.5
KEG RIVER A8A	488.0	0.13		63.4		63.4	34.7	28.7
KEG RIVER B8B	48.6	<0.11		5.0		5.0	5.0	
KEG RIVER C8C	420.0	0.30		126.0		126.0	60.9	65.1
KEG RIVER D8D	21.3	<0.08		1.6		1.6	1.6	
KEG RIVER E8E	85.7	0.20		17.1		17.1	8.6	8.5
KEG RIVER F8F	151.0	<0.13		19.5		19.5	19.5	
KEG RIVER G8G	128.0	0.07		9.0		9.0	8.1	0.9
KEG RIVER H8H	23.5	<0.06		1.3		1.3	1.3	
KEG RIVER I8I	23.7	<0.11		2.6		2.6	2.6	
KEG RIVER J8J	22.6	<0.01		0.2		0.2	0.2	
KEG RIVER K8K	262.0	0.20		52.4		52.4	26.1	26.3
KEG RIVER L8L	151.0	0.15		22.7		22.7	20.8	1.9
KEG RIVER M8M	167.0	0.10		16.7		16.7	11.4	5.3
KEG RIVER N8N	85.9	0.20		17.2		17.2	6.5	10.7
KEG RIVER O8O	28.8	0.10		2.9		2.9	1.0	1.9
KEG RIVER P8P	150.0	0.05		7.5		7.5	1.0	6.5
KEG RIVER Q8Q	54.8	0.20		11.0		11.0	1.8	9.2
KEG RIVER R8R	45.7	0.20		9.1		9.1	1.0	8.1
KEG RIVER S8S	134.0	<0.05		6.1		6.1	6.1	
KEG RIVER V8V	183.0	0.20		36.6		36.6	4.6	32.0
KEG RIVER W8W	95.4	0.30		28.6		28.6	10.7	17.9
KEG RIVER X8X	66.0	0.20		13.2		13.2	5.1	8.1
KEG RIVER Y8Y	120.0	0.20		24.0		24.0	5.3	18.7
KEG RIVER Z8Z	45.0	<0.02		0.7		0.7	0.7	
KEG RIVER A9A	57.6	0.25		14.4		14.4	2.3	12.1
KEG RIVER B9B	263.0	0.15		39.5		39.5	12.0	27.5
FIELD TOTAL	84 186.2			15 871.8	855.6	16 727.6	15 220.1	1 507.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
11	59.00	0.059	0.20	0.82	64	865	71	13 243	-1 061.4	1 485.7	1967	1996-08 ABAND 1996
16	23.00	0.050	0.14	0.82	64	865	71	14 936	-1 061.5	1 495.5	1985	1991-12 GPP
10	37.01	0.086	0.16	0.88	33	881	69	15 215	-1 102.6	1 491.3	1986	1994-11 GPP
19	32.63	0.072	0.20	0.84	54	868	71	14 038	-1 047.9	1 439.3	1986	1991-12 GPP
15	40.61	0.057	0.28	0.84	62	876	71	11 008	-1 039.5	1 430.8	1987	1996-07 GPP
16	15.50	0.102	0.18	0.84	54	870	71	14 245	-1 095.9	1 494.3	1987	1994-08 ABAND 1994
31	18.88	0.039	0.27	0.78	46	857	71	13 625	-1 106.5	1 548.4	1987	1998-12 GPP
16	24.17	0.050	0.23	0.78	89	858	71	13 909	-1 116.3	1 555.3	1987	1988-06 GPP
25	56.52	0.058	0.17	0.81	73	849	78	14 372	-1 102.7	1 594.8	1988	1998-12 GPP
32	14.10	0.055	0.24	0.62	215	822	76	14 462	-1 157.9	1 546.0	1988	1990-05 GPP
10	25.40	0.048	0.23	0.84	56	845	72	14 141	-1 193.5	1 548.5	1988	1994-11 ABAND 1994
16	25.10	0.064	0.16	0.81	75	855	68	13 566	-1 091.0	1 512.3	1988	1998-09 ABAND 1998
9	13.30	0.083	0.12	0.78	94	858	70	13 520	-1 101.7	1 520.9	1989	1995-10 ABAND 1995
10	33.50	0.070	0.15	0.86	43	864	71	10 537	-1 132.0	1 486.8	1991	1998-07 ABAND 1997
16	28.00	0.110	0.10	0.84	54	868	71	13 572	-1 045.1	1 447.0	1992	1996-08 GPP
10	28.50	0.140	0.16	0.88	185	870	70	18 386	-1 055.7	1 502.5	1992	1994-12 GPP
16	20.00	0.080	0.19	0.81	86	875	70	14 210	-1 069.6	1 508.0	1992	1994-08 ABAND 1994
16	39.50	0.150	0.11	0.84	54	868	71	13 921	-1 044.7	1 490.3	1992	1998-12 GPP
8	44.70	0.120	0.16	0.86	46	868	67	13 745	-1 050.9	1 450.2	1992	1994-12 GPP
16	23.00	0.050	0.30	0.86	46	868	67	13 098	-1 046.2	1 447.5	1992	1994-08 ABAND 1994
8	25.50	0.060	0.19	0.86	46	868	67	13 403	-1 034.3	1 428.3	1992	1996-07 ABAND 1997
10	61.00	0.150	0.15	0.86	46	868	67	15 228	-1 065.9	1 510.5	1992	1996-07 GPP
16	17.50	0.030	0.38	0.88	42	858	69	10 835	-1 109.5	1 465.8	1993	1998-06 ABAND 1998
16	3.00	0.110	0.13	0.86	46	868	71	14 416	-1 096.4	1 498.5	1993	1995-12 GPP
16	14.50	0.100	0.25	0.84	77	857	71	14 248	-1 088.0	1 527.8	1992	1996-08 GPP
24	28.50	0.050	0.14	0.84	55	867	71	13 350	-1 036.2	1 441.3	1993	1998-12 GPP
36	15.00	0.090	0.12	0.84	77	857	71	13 455	-1 034.5	1 452.5	1992	1994-11 GPP
16	21.50	0.040	0.25	0.87	47	893	62	13 405	-1 074.8	1 431.3	1993	1997-12 GPP
8	24.00	0.100	0.27	0.87	32	875	72	13 784	-1 064.9	1 517.0	1993	1998-12 GPP
16	40.50	0.040	0.29	0.85	46	868	68	14 571	-1 117.0	1 521.3	1994	1995-09 ABAND 1995
16	23.00	0.080	0.25	0.84	52	855	68	14 597	-1 104.9	1 493.5	1994	1994-06 GPP
8	30.00	0.070	0.30	0.84	49	868	73	13 612	-1 047.0	1 604.0	1994	1998-12 GPP
8	11.00	0.060	0.24	0.87	34	869	72	13 640	-1 042.4	1 610.0	1994	1998-12 GPP
8	48.40	0.110	0.25	0.87	32	875	72	13 652	-1 048.2	1 505.2	1994	1998-12 GPP
16	50.20	0.110	0.10	0.82	58	843	77	12 104	-1 175.7	1 549.4	1972	1995-01 GPP
16	51.60	0.080	0.15	0.87	41	854	71	14 765	-1 112.8	1 562.1	1985	1995-05 GPP
8	19.50	0.050	0.24	0.82	64	863	71	13 315	-1 035.5	1 447.1	1994	1998-12 GPP
64	32.80	0.040	0.23	0.65	215	829	76	15 049	-1 146.1	1 537.7	1990	1998-12 GPP
4	15.50	0.050	0.20	0.86	43	873	71	13 166	-1 034.1	1 495.3	1994	1998-12 GPP
16	31.00	0.030	0.33	0.86	43	873	71	13 437	-1 040.9	1 567.5	1994	1995-07 GPP
8	21.50	0.120	0.15	0.86	43	873	71	12 814	-1 039.0	1 570.3	1994	1998-12 GPP
8	23.80	0.100	0.22	0.86	43	873	71	12 513	-1 057.4	1 639.8	1995	1998-12 GPP
4	15.20	0.060	0.25	0.86	43	873	71	13 015	-1 033.7	1 592.5	1995	1998-12 GPP
8	10.60	0.050	0.35	0.86	43	873	71	13 253	-1 031.8	1 510.5	1995	1998-12 GPP
4	27.00	0.030	0.15	0.82	60	859	71	13 463	-1 035.4	1 541.8	1995	1998-12 GPP
16	31.00	0.080	0.25	0.88	34	881	62	14 517	-1 108.2	1 497.5	1995	1995-11 GPP
8	31.50	0.080	0.15	0.88	47	892	62	13 466	-1 072.8	1 468.7	1968	1996-12 GPP
16	30.00	0.050	0.15	0.82	60	859	71	13 415	-1 019.9	1 537.0	1995	1998-12 GPP
16	19.50	0.040	0.15	0.81	75	861	72	13 171	-1 033.9	1 489.3	1995	1996-07 GPP
4	21.20	0.050	0.20	0.85	49	864	71		-1 050.5	1 507.4	1985	1998-12 GPP
16	23.00	0.060	0.20	0.85	43	868	68	13 693	-1 061.3	1 684.1	1996	1996-09 GPP
16	8.00	0.060	0.15	0.84	62	863	61	13 654	-1 057.5	1 697.0	1996	1996-10 GPP
8	20.50	0.040	0.17	0.84	62	863	61	14 228	-1 084.2	1 602.8	1996	1997-04 GPP
8	39.00	0.060	0.15	0.84	62	863	61	13 531	-1 062.9	1 673.5	1996	1998-12 GPP
16	40.00	0.040	0.15	0.84	77	857	71	13 658	-1 064.9	1 684.6	1996	1997-01 GPP
16	27.30	0.040	0.35	0.84	77	857	71	12 285	-1 035.6	1 597.1	1996	1997-01 GPP
16	12.50	0.050	0.25	0.88	42	857	69	15 493	-1 200.8	1 592.3	1996	1997-03 GPP
16	17.50	0.060	0.16	0.85	43	873	71		-1 024.4	1 613.8	1996	1997-12 GPP
4	21.50	0.070	0.15	0.88	42	857	69		-1 057.3	1 409.3	1996	1998-12 GPP
12	11.20	0.060	0.15	0.84	77	857	71	13 878	-1 026.8	1 643.6	1997	1997-07 GPP
16	48.70	0.060	0.28	0.78	83	831	78		-1 168.9	1 560.6	1968	1998-12 GPP

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* FIELD HAS RESERVES BOOKED FOR LIGHT-MEDIUM AND HEAVY CRUDE CATEGORIES

[illegible]

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ALDERSON 015-11W4								
UPPER MANNVILLE A	107.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE C	455.0	<0.08		36.2		36.2	36.2	
UPPER MANNVILLE D	1 387.0			161.0	88.0	249.0	204.5	44.5
TOTAL								
PRIMARY AREA	287.0	0.10		28.7		28.7		
WATER FLOOD AREA	1 100.0	0.12	0.08	132.0	88.0	220.0		
UPPER MANNVILLE F	101.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE G	115.0	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE I	376.0	<0.04		11.8		11.8	11.8	
UPPER MANNVILLE J	289.0	<0.04		10.9		10.9	10.9	
UPPER MANNVILLE L	180.0	<0.08		14.2		14.2	14.2	
UPPER MANNVILLE R	873.0			131.0	86.1	217.0	174.6	42.4
TOTAL								
PRIMARY AREA	299.0	0.15		44.9		44.9		
WATER FLOOD AREA	574.0	0.15	0.15	86.1	86.1	172.0		
UPPER MANNVILLE S	500.0	0.15	0.24	75.0	120.0	195.0	166.4	28.6
WATER FLOOD								
UPPER MANNVILLE T	186.0	<0.11		18.9		18.9	18.9	
UPPER MANNVILLE U	85.9	<0.17		13.8		13.8	13.8	
UPPER MANNVILLE Y	502.0			46.1	24.0	70.1	69.0	1.1
TOTAL								
PRIMARY AREA	22.2	<0.01		0.1		0.1		
WATER FLOOD AREA	480.0	<0.10	0.05	46.0	24.0	70.0		
UPPER MANNVILLE Z	1 858.0	0.10	0.30	186.0	557.0	743.0	716.4	26.6
WATER FLOOD								
UPPER MANNVILLE AA	175.0	0.10	0.05	17.5	8.8	26.3	23.4	2.9
WATER FLOOD								
UPPER MANNVILLE BB	146.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE EE	127.4	0.22		27.9		27.9	19.6	8.3
UPPER MANNVILLE GG	105.0	<0.02		1.7		1.7	1.7	
UPPER MANNVILLE HH	124.0	<0.04		4.0		4.0	4.0	
UPPER MANNVILLE KK	276.0	0.05		13.8		13.8	13.3	0.5
UPPER MANNVILLE LL	86.7	<0.08		6.4		6.4	6.4	
UPPER MANNVILLE RR	131.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE UU	113.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE XX	180.0	0.18		32.4		32.4	26.6	5.8
UPPER MANNVILLE YY	815.0	0.20	0.10	163.0	81.5	245.0	133.0	112.0
WATER FLOOD								
UPPER MANNVILLE	127.0	<0.01		1.1		1.1	1.1	
H & ZZ								
UMNV B & R2R	154.0	0.10		15.4		15.4	14.5	0.9
UMNV WW & LMNV QQ	2 776.0			446.0	120.0	566.0	396.5	169.5
TOTAL								
PRIMARY AREA	375.0	0.10		37.5		37.5		
WATER FLOOD AREA	2 401.0	0.17	0.05	408.0	120.0	528.0		
UPPER MANNVILLE AAA	65.4	<0.03		1.7		1.7	1.7	
UPPER MANNVILLE BBB	40.1	0.25		10.0		10.0	6.6	3.4
UPPER MANNVILLE FFF	179.0	0.10		17.9		17.9	15.8	2.1
UPPER MANNVILLE HHH	76.6	<0.03		2.2		2.2	2.2	
UPPER MANNVILLE III	26.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE JJJ	24.2	<0.07		1.5		1.5	1.5	
UPPER MANNVILLE KKK	70.0	<0.03		1.8		1.8	1.8	
UPPER MANNVILLE PPP	14.6	0.04		0.6		0.6	0.6	
UPPER MANNVILLE RRR	69.7	<0.03		1.8		1.8	1.8	
UPPER MANNVILLE TTT	449.0	0.10	0.20	44.9	89.8	135.0	84.0	51.0
WATER FLOOD								
UPPER MANNVILLE VVV	913.0			183.0	84.0	267.0	137.2	129.8
TOTAL								
PRIMARY AREA	72.9	0.20		14.6		14.6		
WATER FLOOD AREA	840.0	0.20	0.10	168.0	84.0	252.0		
UPPER MANNVILLE XXX	320.0	0.10	0.10	32.0	32.0	64.0	44.7	19.3
WATER FLOOD								
UPPER MANNVILLE ZZZ	55.2	0.15		8.3		8.3	4.5	3.8
UPPER MANNVILLE D2D	298.0			29.8	10.9	40.7	9.1	31.6
TOTAL								
PRIMARY AREA	80.7	0.10		8.1		8.1		
WATER FLOOD AREA	217.0	0.10	0.05	21.7	10.9	32.6		
UPPER MANNVILLE L2L	45.6	0.15		6.8		6.8	0.7	6.1
UPPER MANNVILLE M2M	129.0	0.10		12.9		12.9	3.9	9.0
UPPER MANNVILLE N2N	410.0	0.10		41.0		41.0	13.1	27.9
UPPER MANNVILLE T2T	87.6	0.10		8.8		8.8	0.8	8.0
UPPER MANNVILLE Y2Y	77.0	0.05		3.9		3.9	0.5	3.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
65	1.22	0.220	0.30	0.88	41	910	32	10 741	-226.4	991.8	1970	1970-01 ABAND 1975
253	1.14	0.230	0.22	0.88	50	928	30	11 266	-236.0	1 013.1	1970	1994-05 ABAND 1993
380					54	898	33	10 667	-198.5	954.2	1970	1997-08
64	4.10	0.240	0.50	0.91								GPP
316	3.00	0.220	0.42	0.91								ABAND 1993
32	2.44	0.230	0.36	0.88	43	965	32	10 920	-199.5	987.1	1972	1993-12 ABAND 1995
8	11.58	0.210	0.33	0.88	53	898	32	11 366	-253.3	1 021.1	1973	1992-11 ABAND 1995
170	1.81	0.190	0.27	0.88	50	876	31	10 827	-216.1	980.1	1973	1996-07 GPP
64	4.31	0.170	0.30	0.88	57	921	31	11 318	-250.2	1 050.3	1976	1994-12 ABAND 1993
64	2.00	0.200	0.20	0.88	53	865	34	11 009	-226.8	987.9	1972	1983-06 ABAND 1991
80					72	890	31	11 121	-246.3	1 024.4	1978	1992-04
16	11.26	0.230	0.19	0.89								GPP
64	5.48	0.230	0.20	0.89								GPP
60	4.32	0.270	0.17	0.86	99	887	31	11 364	-249.9	1 028.1	1979	1998-12
83	1.60	0.210	0.23	0.87	54	887	28	9 948	-235.2	1 014.2	1979	1996-07 GPP
32	2.76	0.170	0.35	0.88	58	900	30	10 449	-231.0	995.1	1980	1995-09 ABAND 1995
83					69	882	28	11 316	-246.6	1 029.4	1980	1996-09
16	1.00	0.210	0.25	0.88								GPP
67	4.28	0.250	0.23	0.87								GPP
184	6.69	0.230	0.19	0.81	39	891	33	11 216	-246.5	1 025.7	1980	1992-05
32	3.40	0.220	0.15	0.86	68	887	34	11 161	-248.4	1 026.7	1978	1997-12 GPP
32	3.00	0.220	0.23	0.90	48	925	31	9 788	-238.6	1 018.0	1980	1986-12 ABAND 1993
32	2.00	0.260	0.13	0.88	48	856	32	10 623	-234.3	1 014.0	1980	1998-12 GPP
32	3.60	0.160	0.35	0.88	68	888	31	11 348	-247.6	1 032.7	1980	1983-12 ABAND 1986
64	1.80	0.170	0.28	0.88	41	904	35	10 882	-233.2	1 012.9	1974	1994-05 ABAND 1993
96	2.30	0.200	0.29	0.88	49	868	31	11 419	-232.0	994.8	1981	1998-12 GPP
16	4.00	0.220	0.30	0.88	50	930	32	10 183	-204.1	995.0	1982	1985-12 ABAND 1990
32	4.30	0.180	0.40	0.88	50	888	31	11 017	-227.8	990.2	1980	1989-12 ABAND 1991
32	2.00	0.250	0.20	0.88	50	892	29	9 929	-240.6	1 017.8	1983	1986-12 ABAND 1989
54	3.50	0.180	0.40	0.88	50	871	30	10 986	-214.1	970.5	1984	1991-12 GPP
116	3.78	0.270	0.20	0.86	57	898	32	11 213	-241.6	1 009.9	1971	1998-05 GPP
64	1.82	0.202	0.40	0.90	27	946	32	11 986	-211.8	958.0	1973	1985-06 ABAND 1985
65	1.52	0.240	0.26	0.88	41	946	32	11 503	-224.4	990.1	1969	1987-12 GPP
547					50	895	28	10 517	-229.1	980.4	1984	1995-11
112	3.12	0.200	0.39	0.88								GPP
435	5.53	0.180	0.37	0.88								ABAND 1994
16	3.30	0.210	0.33	0.88	51	921	30	10 601	-208.0	959.0	1985	1995-07
32	1.30	0.170	0.37	0.90	39	888	30	10 971	-237.1	1 002.4	1985	1995-12 GPP
32	3.65	0.260	0.33	0.88	35	966	30	10 850	-155.2	921.1	1986	1989-08 GPP
16	2.50	0.259	0.16	0.88	42	910	33	9 607	-248.4	1 026.3	1987	1994-12 ABAND 1993
16	1.00	0.235	0.27	0.95	35	964	29	9 549	-153.5	921.2	1987	1992-12 ABAND 1992
16	2.00	0.140	0.40	0.90	42	910	33	11 658	-213.2	967.0	1987	1996-07 ABAND 1996
16	2.80	0.240	0.26	0.88	71	910	32	9 417	-245.0	1 022.1	1988	1994-05 ABAND 1993
16	1.20	0.170	0.51	0.91	38	932	33	9 893	-239.8	1 024.6	1989	1995-02 ABAND 1994
16	5.00	0.180	0.45	0.88	60	868	31	11 177	-239.2	1 019.5	1978	1996-07 ABAND 1993
58	4.07	0.270	0.18	0.86	42	910	33	11 103	-255.8	1 032.4	1991	1993-03 GPP
150					71	911	32	10 544	-238.7	1 007.2	1991	1996-02
16	4.50	0.190	0.38	0.86								GPP
134	3.80	0.240	0.20	0.86								GPP
32	6.04	0.250	0.23	0.86	60	868	31	10 530	-259.7	1 036.5	1992	1998-12
8	6.60	0.220	0.50	0.95	20	930	30	11 646	-207.2	966.8	1992	1995-12 GPP
33					53	877	30	11 283	-253.6	1 014.3	1994	1998-03
8	6.30	0.240	0.25	0.89								GPP
25	5.43	0.240	0.25	0.89								GPP
16	3.10	0.180	0.42	0.88	60	868	32	10 927	-241.4	1 020.4	1980	1996-03
16	5.00	0.250	0.30	0.92	39	951	32	7 752	-183.5	961.5	1995	1996-04 GPP
48	5.00	0.260	0.27	0.90	42	910	33	7 786	-179.5	955.6	1995	1998-03 GPP
32	2.00	0.230	0.36	0.93	32	952	30		-178.3	950.5	1996	1997-08 GPP
16	3.80	0.200	0.28	0.88	29	921	33			954.7	1994	1998-07 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ALDERSON O15-11W4 (CONTINUED)								
UPPER MANNVILLE Z2Z	50.8	0.10		5.1		5.1	1.2	3.9
LOWER MANNVILLE A	560.0	0.28		157.0		157.0	152.4	4.6
LOWER MANNVILLE B	3 029.0			364.0	174.0	538.0	507.5	30.5
TOTAL								
PRIMARY AREA	848.0	0.12		102.0		102.0		
WATER FLOOD AREA	2 181.0	0.12	0.08	262.0	174.0	436.0		
LOWER MANNVILLE E	173.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE F	1 348.0	0.20		270.0		270.0	169.6	100.4
LOWER MANNVILLE H	169.0	0.50		84.5		84.5	80.9	3.6
LOWER MANNVILLE J	817.0	0.05		40.9		40.9	36.8	4.1
LOWER MANNVILLE M	49.5	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE N	84.4	0.18		15.2		15.2	14.4	0.8
LOWER MANNVILLE O	410.0	0.07		28.7		28.7	22.5	6.2
LOWER MANNVILLE P	20.5	<0.02		0.4		0.4	0.4	
LOWER MANNVILLE Q	455.0	0.05		22.8		22.8	13.4	9.4
LOWER MANNVILLE R	59.1	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE S	43.4	<0.07		2.7		2.7	2.7	
LOWER MANNVILLE U	111.0	0.15		16.7		16.7	11.4	5.3
LOWER MANNVILLE W	261.0	0.15		39.2		39.2	26.7	12.5
LOWER MANNVILLE X	165.0	0.15		24.8		24.8	15.8	9.0
LOWER MANNVILLE Y	84.2	<0.06		4.4		4.4	4.4	
LOWER MANNVILLE Z	288.0	0.13		37.4		37.4	34.7	2.7
LOWER MANNVILLE AA	604.0	0.05		30.2		30.2	14.5	15.7
LOWER MANNVILLE BB	639.0	0.15		95.9		95.9	76.6	19.3
LOWER MANNVILLE DD	94.1	<0.02		1.2		1.2	1.2	
LOWER MANNVILLE EE	102.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FF	35.4	<0.07		2.3		2.3	2.3	
LOWER MANNVILLE HH	401.0	0.05		20.1		20.1	11.9	8.2
LOWER MANNVILLE II	68.4	<0.02		0.8		0.8	0.8	
LOWER MANNVILLE JJ	210.0	0.10		21.0		21.0	17.4	3.6
LOWER MANNVILLE KK	243.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE LL	49.8	<0.10		4.8		4.8	4.8	
LOWER MANNVILLE MM	136.0	0.20		27.2		27.2	25.6	1.6
LOWER MANNVILLE NN	82.4	<0.07		5.2		5.2	5.2	
LOWER MANNVILLE PP	148.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE TT	2 747.0	0.15		412.0		412.0	235.7	176.3
LOWER MANNVILLE UU	114.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE VV	103.0	<0.06		5.9		5.9	5.9	
LOWER MANNVILLE XX	97.1	0.10		9.7		9.7	4.7	5.0
LOWER MANNVILLE YY	41.8	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE ZZ	76.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE AAA	442.0	0.50		221.0		221.0	183.6	37.4
LOWER MANNVILLE BBB	31.7	<0.03		0.9		0.9	0.9	
LOWER MANNVILLE CCC	54.1	0.20		10.8		10.8	8.5	2.3
LOWER MANNVILLE DDD	28.6	<0.10		2.8		2.8	2.8	
LOWER MANNVILLE EEE	10.3	<0.03		0.3		0.3	0.3	
LOWER MANNVILLE FFF	44.4	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE HHH	32.5	0.15		4.9		4.9	3.1	1.8
LOWER MANNVILLE III	25.7	<0.05		1.2		1.2	1.2	
LOWER MANNVILLE KKK	27.9	0.17		4.7		4.7	4.1	0.6
LOWER MANNVILLE MMM	76.0	0.15		11.4		11.4	9.5	1.9
LOWER MANNVILLE OOO	13.2	<0.02		0.2		0.2	0.2	
LOWER MANNVILLE QQQ	128.0	0.15		19.2		19.2	13.9	5.3
LOWER MANNVILLE RRR	46.3	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE TTT	47.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE UUU	89.9	<0.03		1.9		1.9	1.9	
LOWER MANNVILLE A2A	600.0	0.25		150.0		150.0	141.1	8.9
LOWER MANNVILLE C2C	229.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE G2G	9.4	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE H2H	1 348.0	0.35		472.0		472.0	378.3	93.7
LOWER MANNVILLE I2I	52.4	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE K2K	107.0	0.25		26.8		26.8	22.5	4.3
LOWER MANNVILLE L2L	106.0	0.13		13.8		13.8	13.3	0.5
LOWER MANNVILLE M2M	745.0	0.25		186.0		186.0	76.6	109.4
LOWER MANNVILLE N2N	128.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE O2O	149.0	0.20		29.8		29.8	27.1	2.7
LOWER MANNVILLE P2P	209.0	0.10		20.9		20.9	15.6	5.3
LOWER MANNVILLE Q2Q	333.0	0.30		100.0		100.0	67.3	32.7
LOWER MANNVILLE R2R	603.0	0.30		181.0		181.0	153.0	28.0
LOWER MANNVILLE S2S	39.0	0.15		5.9		5.9	1.2	4.7
LOWER MANNVILLE T2T	65.8	0.13		8.6		8.6	6.9	1.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	1.70	0.260	0.21	0.91	53	898	30			950.2	1997	1998-07 GPP
64	6.76	0.210	0.30	0.88	41	904	32	10 265	-180.1	925.2	1962	1998-12 GPP
756					41	904	31	10 493	-193.5	948.0	1964	1993-06 GPP
241	2.81	0.240	0.42	0.90								GPP
515	3.38	0.240	0.42	0.90								ABAND 1971
65	2.74	0.170	0.35	0.88	41	881	32	11 101	-235.3	1 008.6	1970	1971-03 GPP
231	3.90	0.250	0.32	0.88	53	876	30	10 551	-214.8	975.7	1971	1995-12 GPP
44	2.75	0.260	0.39	0.88	54	904	32	10 577	-210.0	966.4	1969	1998-03 GPP
128	4.63	0.224	0.30	0.88	53	855	36	11 404	-239.3	1 027.0	1972	1982-12 GPP
32	2.00	0.150	0.40	0.86	64	888	35	9 969	-275.5	1 052.0	1979	1983-12 GPP
32	2.10	0.210	0.32	0.88	58	888	30	10 171	-266.4	1 047.7	1979	1993-12 GPP
192	1.81	0.190	0.31	0.90	40	912	32	10 734	-217.4	967.9	1980	1996-08 GPP
16	1.80	0.160	0.50	0.89	50	912	31	11 816	-229.4	985.3	1970	1996-07 GPP
32	13.20	0.210	0.43	0.90	34	939	34	10 037	-252.5	1 016.9	1980	1981-09 GPP
16	3.60	0.190	0.40	0.90	43	939	34	10 422	-258.3	1 024.8	1981	1982-03 ABAND 1995
32	2.00	0.110	0.30	0.88	58	878	29	10 787	-267.6	1 049.5	1981	1988-12 ABAND 1996
16	5.70	0.190	0.29	0.90	40	914	34	11 263	-270.3	1 050.4	1981	1995-12 GPP
32	8.00	0.210	0.46	0.90	41	923	28	10 325	-205.7	961.0	1981	1995-12 GPP
32	6.60	0.160	0.44	0.87	65	890	31	10 063	-264.8	1 044.0	1980	1995-12 GPP
16	5.00	0.180	0.35	0.90	41	897	31	11 059	-253.8	1 029.9	1982	1994-05 ABAND 1993
128	2.41	0.176	0.41	0.90	41	917	31	10 471	-191.4	938.0	1982	1994-12 GPP
64	7.53	0.220	0.40	0.95	24	930	33	10 505	-207.0	966.7	1982	1992-05 GPP
64	7.70	0.210	0.35	0.95	19	908	32	10 444	-204.6	971.6	1982	1995-12 GPP
32	4.43	0.150	0.48	0.85	67	875	32	11 084	-253.6	1 032.0	1973	1993-04 ABAND 1992
16	6.20	0.190	0.40	0.90	40	933	31	7 757	-229.5	974.3	1982	1983-05 ABAND 1994
32	1.00	0.200	0.35	0.85	67	875	32	11 044	-264.1	1 042.0	1982	1992-09 ABAND 1990
139	2.30	0.250	0.43	0.88	47	904	34	10 091	-185.4	944.0	1982	1998-03 GPP
16	3.30	0.240	0.40	0.90	39	969	34	10 045	-180.2	939.2	1982	1983-06 ABAND 1986
16	13.00	0.190	0.41	0.90	41	933	33	10 491	-209.4	971.1	1982	1991-12 GPP
32	8.50	0.178	0.43	0.88	50	907	33	10 295	-201.9	950.3	1983	1983-11 ABAND 1991
16	3.60	0.160	0.40	0.90	41	910	28	10 223	-189.4	934.3	1982	1996-07 ABAND 1996
16	7.50	0.180	0.30	0.90	42	890	31	11 362	-240.8	1 002.2	1983	1995-12 GPP
32	2.00	0.220	0.35	0.90	42	887	30	9 763	-209.7	967.3	1983	1996-07 GPP
16	6.70	0.230	0.32	0.88	52	928	33	10 640	-218.9	981.8	1983	1989-12 ABAND 1990
598	3.40	0.230	0.34	0.89	41	927	27	10 631	-192.6	945.9	1983	1995-12 GPP
16	5.20	0.240	0.35	0.88	50	930	34	10 182	-208.8	1 019.6	1982	1996-12 GPP
16	6.10	0.200	0.40	0.88	50	943	33	10 458	-209.4	984.3	1983	1996-07 GPP
64	1.26	0.240	0.43	0.88	50	915	30	10 187	-196.6	1 018.0	1983	1993-06 GPP
16	3.60	0.150	0.45	0.88	50	890	31	10 347	-258.5	1 037.2	1983	1988-12 ABAND 1993
16	5.00	0.180	0.40	0.88	50	882	31	10 398	-264.9	1 041.5	1983	1984-10 ABAND 1984
80	3.75	0.260	0.37	0.90	37	877	29	10 500	-212.6	965.5	1971	1998-03 GPP
16	1.20	0.250	0.25	0.88	42	904	32	10 996	-262.9	1 041.1	1980	1988-12 ABAND 1989
16	3.90	0.170	0.40	0.85	65	902	31	10 755	-249.6	1 030.2	1982	1995-12 GPP
16	2.50	0.140	0.40	0.85	65	902	31	11 009	-263.4	1 043.9	1982	1993-05 ABAND 1993
16	0.60	0.180	0.32	0.88	53	895	30	10 309	-238.1	988.8	1984	1984-11 ABAND 1987
16	2.50	0.180	0.30	0.88	67	875	33	10 528	-282.4	1 057.6	1984	1989-12 ABAND 1993
16	2.10	0.200	0.45	0.88	54	928	30	10 149	-203.6	964.0	1984	1997-06 GPP
16	1.80	0.160	0.38	0.90	40	904	30	11 006	-247.1	1 022.8	1973	1995-01 ABAND 1994
32	1.00	0.180	0.45	0.88	53	897	30	10 341	-235.5	982.8	1984	1995-12 GPP
32	2.50	0.180	0.40	0.88	50	900	32	9 846	-182.9	928.7	1984	1995-12 GPP
16	1.00	0.180	0.48	0.88	50	925	30	9 372	-186.2	932.2	1984	1985-05 ABAND 1986
32	4.00	0.180	0.37	0.88	50	880	30	9 330	-245.2	995.7	1984	1989-12 GPP
16	2.20	0.220	0.35	0.92	33	880	30	9 999	-213.8	976.4	1984	1985-05 ABAND 1988
16	3.90	0.170	0.50	0.90	42	871	31	11 511	-260.2	1 004.0	1985	1985-07 GPP
16	5.40	0.170	0.32	0.90	42	890	33	11 111	-265.0	1 040.2	1984	1994-07 ABAND 1993
113	5.39	0.190	0.39	0.85	64	892	32	10 947	-237.4	986.5	1962	1988-12 GPP
32	4.90	0.220	0.30	0.95	26	920	21	10 382	-216.0	964.7	1985	1986-03 ABAND 1991
16	1.40	0.160	0.70	0.87	59	886	29	10 529	-245.2	993.5	1986	1987-07 ABAND 1988
340	2.86	0.250	0.37	0.88	53	876	30	10 564	-217.9	977.4	1971	1997-03 GPP
16	4.30	0.160	0.44	0.85	67	875	39	10 220	-243.4	996.9	1987	1996-06 GPP
32	3.63	0.170	0.35	0.83	67	852	39	9 791	-237.6	996.8	1987	1995-12 GPP
32	3.09	0.180	0.30	0.85	48	904	32	10 135	-204.5	959.2	1962	1993-12 GPP
243	3.70	0.170	0.44	0.87	59	886	29	10 630	-217.8	963.4	1979	1998-05 GPP
16	6.22	0.230	0.38	0.90	41	910	28	10 793	-219.3	971.4	1990	1996-07 ABAND 1994
45	2.19	0.250	0.33	0.90	43	904	29	10 453	-218.8	972.4	1978	1991-12 GPP
81	1.94	0.250	0.41	0.90	43	904	29	10 469	-185.4	943.1	1966	1991-07 GPP
110	2.40	0.230	0.37	0.87	59	886	29	10 385	-215.3	966.9	1991	1996-03 GPP
150	3.10	0.240	0.40	0.90	43	904	29	10 297	-217.7	967.9	1991	1995-12 GPP
16	3.50	0.160	0.50	0.87	59	886	29	11 203	-280.1	1 058.1	1991	1992-03 GPP
16	3.00	0.250	0.37	0.87	59	886	29	11 085	-266.2	1 048.5	1991	1993-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
ALDERSON 015-11W4 (CONTINUED)								
LOWER MANNVILLE V2V	52.9	<0.11		5.5		5.5	5.5	↓
LOWER MANNVILLE W2W	58.5	0.20		11.7		11.7	6.3	5.4
LOWER MANNVILLE X2X	64.7	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Y2Y	189.0	0.10		18.9		18.9	11.7	7.2
LOWER MANNVILLE Z2Z	444.0	0.20		88.8		88.8	59.9	28.9
LOWER MANNVILLE A3A	200.0	<0.02		3.8		3.8	3.8	
LOWER MANNVILLE C3C	146.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE D3D WATER FLOOD	1 539.0	0.20	0.10	308.0	154.0	462.0	137.8	324.2
LOWER MANNVILLE E3E WATER FLOOD	600.0	0.15	0.10	90.0	60.0	150.0	53.7	96.3
LOWER MANNVILLE F3F	72.2	0.15		10.8		10.8	2.2	8.6
LOWER MANNVILLE G3G	82.3	<0.03		1.8		1.8	1.8	
LOWER MANNVILLE H3H	50.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE N3N	469.0	0.20		93.8		93.8	79.1	14.7
LOWER MANNVILLE O3O	119.0	<0.01		0.5		0.5	0.5	
LOWER MANNVILLE P3P	421.0	0.20		84.2		84.2	36.1	48.1
LOWER MANNVILLE Q3Q	281.0	0.05		14.1		14.1	10.5	3.6
LOWER MANNVILLE S3S	213.0	0.15		32.0		32.0	26.4	5.6
LOWER MANNVILLE V3V	78.5	0.50		39.3		39.3	32.3	7.0
LOWER MANNVILLE W3W	54.0	0.10		5.4		5.4	0.3	5.1
LOWER MANNVILLE Y3Y	375.0	0.25		93.8		93.8	39.8	54.0
LOWER MANNVILLE Z3Z	61.1	0.10		6.1		6.1	2.4	3.7
LOWER MANNVILLE A4A	104.0	0.10		10.4		10.4	6.4	4.0
LOWER MANNVILLE B4B	547.0	0.03		16.4		16.4	5.3	11.1
LOWER MANNVILLE C4C	61.3	0.10		6.1		6.1	0.8	5.3
LOWER MANNVILLE D4D	1 997.0	0.10		200.0		200.0	95.0	105.0
LOWER MANNVILLE E4E	54.4	0.10		5.4		5.4	2.0	3.4
LOWER MANNVILLE F4F	88.4	0.10		8.8		8.8	1.2	7.6
LOWER MANNVILLE H4H	371.0	0.15		55.7		55.7	12.1	43.6
LOWER MANNVILLE I4I	81.1	0.15		12.2		12.2	7.2	5.0
LOWER MANNVILLE O4O	86.9	0.35		30.4		30.4	18.2	12.2
LOWER MANNVILLE P4P	113.0	0.30		33.9		33.9	24.2	9.7
LOWER MANNVILLE Q4Q	82.8	0.15		12.4		12.4	4.4	8.0
LOWER MANNVILLE I3I & DETRITAL J	728.0	0.15		109.0		109.0	89.1	19.9
DETRITAL A	178.0	0.10		17.8		17.8	9.7	8.1
DETRITAL B	75.4	<0.10		7.0		7.0	7.0	
DETRITAL C	77.4	0.10		7.7		7.7	7.6	0.1
DETRITAL D	146.0	<0.01		0.4		0.4	0.4	
DETRITAL F	143.0	<0.03		3.6		3.6	3.6	
DETRITAL G	54.1	<0.01		0.1		0.1	0.1	
DETRITAL H	112.0	<0.01		0.6		0.6	0.6	
DETRITAL I	32.6	<0.03		0.9		0.9	0.9	
LIVINGSTONE B	74.4	0.15		11.2		11.2	1.5	9.7
PEKISKO B	70.2	<0.01		0.3		0.3	0.3	
PEKISKO C	88.1	<0.01		0.2		0.2	0.2	
PEKISKO D	77.2	0.10		7.7		7.7	0.6	7.1
PEKISKO E	29.1	0.20		5.8		5.8	4.5	1.3
PEKISKO F	11.8	0.05		0.6		0.6	0.1	0.5
PEKISKO G	37.5	0.20		7.5		7.5	2.0	5.5
FIELD TOTAL *	46 785.7			6 556.1	1 690.1	8 246.9	5 865.0	2 381.9
ALEXANDER 056-27W4								
BASAL QUARTZ D	175.0	<0.01		0.6		0.6	0.6	
BASAL QUARTZ E	62.8	<0.11		6.4		6.4	6.4	
BASAL QUARTZ G	178.0	0.10		17.8		17.8	13.3	4.5
BASAL QUARTZ K	517.0	<0.01		2.9		2.9	2.9	
BASAL QUARTZ L	136.0	<0.02		2.7		2.7	2.7	
WABAMUN B	127.0	<0.01		0.3		0.3	0.3	
WABAMUN C	42.7	<0.05		1.8		1.8	1.8	
WABAMUN D	153.0	<0.01		1.0		1.0	1.0	
WABAMUN E	67.6	<0.11		7.3		7.3	7.3	
WABAMUN F	31.3	<0.08		2.2		2.2	2.2	
FIELD TOTAL	1 490.4			43.0		43.0	38.5	4.5
ALEXIS 055-04W5								
OSTRACOD A	159.0	<0.01		0.7		0.7	0.7	
OSTRACOD B	296.0	<0.04		9.8		9.8	9.8	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	1.80	0.180	0.40	0.85	67	875	32	11 139	-270.0	1 047.3	1991	1998-07 GPP
16	2.50	0.250	0.35	0.90	43	904	29	11 146	-273.0	1 049.3	1991	1993-12 GPP
16	3.00	0.240	0.39	0.92	39	904	28	8 102	-210.4	968.3	1992	1993-02 ABAND 1992
32	5.40	0.220	0.46	0.92	39	904	28	8 776	-202.6	1 000.2	1992	1998-11 GPP
131	2.84	0.230	0.39	0.85	67	875	32	10 388	-169.2	918.6	1992	1995-12 GPP
16	8.67	0.220	0.31	0.95	42	940	32	10 462	-205.9	960.3	1982	1996-07 GPP
16	5.50	0.270	0.33	0.92	39	904	28	10 554	-210.6	973.8	1992	1996-03 ABAND 1994
340	3.52	0.210	0.32	0.90	45	869	29	10 221	-173.0	924.2	1993	1998-07 GPP
181	3.80	0.190	0.46	0.85	67	875	32	10 404	-172.5	923.3	1992	1995-04 GPP
32	2.79	0.170	0.44	0.85	67	875	32	10 235	-277.3	1 057.7	1978	1993-08 GPP
16	3.40	0.240	0.30	0.90	45	869	29	10 258	-174.1	926.1	1993	1996-07 GPP
16	2.20	0.240	0.33	0.90	45	869	29	10 212	-170.9	922.9	1993	1996-07 GPP
122	3.50	0.200	0.41	0.93	35	901	32	10 464	-177.2	927.8	1994	1994-08 GPP
16	6.50	0.200	0.35	0.88	51	934	32	10 436	-211.6	966.4	1982	1983-06 ABAND 1990
138	2.30	0.220	0.33	0.90	45	869	29	10 390	-194.9	952.5	1994	1995-05 GPP
70	2.50	0.230	0.25	0.93	35	901	32	10 202	-193.9	953.7	1994	1998-12 GPP
32	3.30	0.300	0.22	0.86	100	894	30	10 159	-251.8	1 003.8	1984	1995-01 GPP
28	1.73	0.270	0.31	0.87	59	886	29	10 500	-212.6	968.9	1994	1998-03 GPP
16	3.30	0.200	0.45	0.93	35	901	32	8 451	-168.9	919.4	1994	1995-04 GPP
64	3.93	0.270	0.38	0.89	50	878	32	10 028	-224.1	974.6	1995	1997-08 GPP
16	2.20	0.250	0.22	0.89	50	877	32	10 187	-196.6	945.6	1995	1995-12 GPP
16	5.50	0.210	0.37	0.89	5	877	32	10 161	-197.0	945.4	1995	1995-12 GPP
133	3.50	0.220	0.40	0.89	50	878	32	8 766	-213.4	969.0	1994	1998-12 GPP
16	2.40	0.230	0.22	0.89	50	878	32	10 003	-182.2	930.3	1995	1996-01 GPP
379	4.07	0.210	0.33	0.92	50	877	32	9 738	-206.6	964.0	1995	1997-08 GPP
16	2.60	0.220	0.34	0.90	50	900	32	10 210	-216.9	968.5	1995	1996-02 GPP
16	4.20	0.220	0.35	0.92	39	951	31	10 415	-199.9	972.7	1995	1996-08 GPP
108	3.40	0.200	0.42	0.87	59	886	29	10 168	-217.7	972.5	1996	1997-10 GPP
16	3.80	0.250	0.42	0.92	37	921	27		-212.1	970.7	1996	1997-06 GPP
16	2.85	0.300	0.27	0.87	59	886	29			968.0	1996	1998-03 GPP
16	4.80	0.260	0.35	0.87	59	886	29			960.4	1994	1998-03 GPP
16	3.80	0.270	0.42	0.87	59	886	29			983.9	1996	1998-03 GPP
114	5.14	0.230	0.40	0.90	45	869	29	10 165	-177.9	931.3	1993	1994-09 GPP
64	2.50	0.200	0.37	0.88	50	902	31	13 070	-269.1	1 045.0	1983	1983-07 GPP
32	3.03	0.170	0.48	0.88	52	895	33	10 781	-240.7	991.9	1983	1996-07 GPP
32	2.50	0.200	0.45	0.88	52	888	31	10 694	-241.7	993.0	1983	1985-12 GPP
64	2.10	0.190	0.35	0.88	52	893	31	7 874	-227.8	978.2	1985	1985-08 ABAND 1985
32	3.40	0.230	0.33	0.85	64	892	32	10 486	-241.4	991.5	1963	1985-12 ABAND 1989
16	4.00	0.190	0.47	0.84	69	892	32	10 817	-213.2	963.3	1988	1996-07 ABAND 1989
16	7.30	0.210	0.45	0.83	66	852	39	10 788	-211.2	983.1	1988	1996-07 GPP
16	1.80	0.190	0.30	0.85	66	875	32	11 053	-279.3	1 049.9	1988	1994-05 ABAND 1993
32	3.30	0.110	0.28	0.89	42	870	29	11 089	-222.7	978.7	1995	1995-09 GPP
32	3.30	0.100	0.30	0.95	20	885	33	7 042	-215.1	983.7	1991	1992-12 ABAND 1992
16	8.30	0.120	0.43	0.97	11	922	31	10 245	-221.5	970.8	1992	1992-10 ABAND 1992
32	5.00	0.090	0.33	0.80	50	901	34	11 077	-221.1	1 001.5	1994	1995-05 GPP
16	5.00	0.150	0.75	0.97	25	958	27	11 024	-174.1	932.6	1994	1995-12 GPP
16	3.50	0.090	0.75	0.94	31	983	30	9 889	-136.2	926.8	1996	1996-09 GPP
16	3.60	0.090	0.23	0.94	31	983	31	10 139	-198.2	952.1	1996	1997-07 GPP
65	3.05	0.160	0.35	0.85	35	927	38	8 883	-459.8	1 157.5	1968	1971-12 ABAND 1993
32	1.52	0.230	0.34	0.85	66	887	48	9 641	-523.5	1 224.8	1976	1995-05 ABAND 1993
64	2.20	0.200	0.21	0.80	90	860	39	7 470	-516.4	1 226.7	1983	1984-10 GPP
48	6.15	0.240	0.24	0.96	14	900	30	7 366	-480.3	1 193.5	1994	1998-12 GPP
32	3.00	0.220	0.31	0.93	30	914	35	7 479	-484.5	1 202.4	1995	1998-12 GPP
16	10.06	0.124	0.25	0.85	39	927	48	9 223	-536.4	1 234.1	1968	1971-12 ABAND 1972
16	5.90	0.095	0.44	0.85	64	938	37	9 308	-535.2	1 241.8	1984	1995-01 ABAND 1994
32	5.00	0.160	0.37	0.95	15	940	43	9 848	-598.8	1 310.5	1983	1984-02 ABAND 1986
64	2.30	0.090	0.40	0.85	78	939	34	9 353	-540.4	1 247.4	1981	1994-01 ABAND 1993
16	2.70	0.130	0.36	0.87	54	923	38	10 239	-486.3	1 197.4	1985	1992-10 ABAND 1993
65	2.44	0.160	0.30	0.90	50	921	43	11 429	-630.8	1 362.0	1968	1971-12 ABAND 1971
65	3.66	0.200	0.30	0.89	44	946	43	11 405	-640.0	1 385.5	1970	1995-01 ABAND 1994

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
ALEXIS 055-04W5 (CONTINUED) BANFF A	6 495.0	0.12		779.0		779.0	673.8	105.2
FIELD TOTAL	6 950.0			789.5		789.5	684.3	105.2
ALSASK 028-01W4 UPPER MANNVILLE U LOWER MANNVILLE A	88.9 148.0	0.10 0.10		8.9 14.8		8.9 14.8	4.4 6.2	4.5 8.6
FIELD TOTAL	236.9			23.7		23.7	10.6	13.1
ALSIKE 049-02W5 GLAUCONITIC A BANFF B	57.1 48.4	<0.01 <0.01		0.1 0.3		0.1 0.3	0.1 0.3	
FIELD TOTAL *	105.5			0.4		0.4	0.4	
ALTARIO 035-01W4 MCLAREN A GLAUCONITIC B GLAUCONITIC C CUMMINGS A BAKKEN A BAKKEN D	82.3 72.4 56.0 327.0 980.0 33.0	<0.03 <0.01 <0.01 <0.01 0.02 0.05		1.9 0.1 0.2 0.1 19.6 1.7		1.9 0.1 0.2 0.1 19.6 1.7	1.9 0.1 0.2 0.1 16.1 0.6	3.5 1.1
FIELD TOTAL	1 550.7			23.6		23.6	19.0	4.6
ANTE CREEK 066-24W5 NORDEGG A	670.0	0.05		33.5		33.5	31.7	1.8
FIELD TOTAL *	670.0			33.5		33.5	31.7	1.8
ANTE CREEK NORTH 068-25W5 TRIASSIC I	115.0	0.05		5.8		5.8	0.9	4.9
FIELD TOTAL *	115.0			5.8		5.8	0.9	4.9
ANTELOPE 029-01W4 UPPER MANNVILLE A BAKKEN A	112.0 137.0	<0.02 <0.01		1.2 0.2		1.2 0.2	1.2 0.2	
FIELD TOTAL *	249.0			1.4		1.4	1.4	
ARMADA 016-19W4 UPPER MANNVILLE E UPPER MANNVILLE H UPPER MANNVILLE L BASAL QUARTZ C	318.0 169.0 73.0 6.3	<0.01 <0.04 0.10 <0.05		0.4 5.4 7.3 0.3		0.4 5.4 7.3 0.3	0.4 5.4 0.3 0.3	7.0
FIELD TOTAL *	566.3			13.4		13.4	6.4	7.0
ATIM 054-27W4 OSTRACOD A	116.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	116.0			0.2		0.2	0.2	
ATLEE-BUFFALO 021-06W4 UPPER MANNVILLE A UPPER MANNVILLE F UPPER MANNVILLE G UPPER MANNVILLE K UPPER MANNVILLE P UPPER MANNVILLE R UPPER MANNVILLE S GLAUCONITIC A GLAUCONITIC B GLAUCONITIC D GLAUCONITIC E GLAUCONITIC G GLAUCONITIC H	787.0 3 803.0 5 065.0 46.7 413.0 14.0 34.2 142.0 25.1 151.0 29.2 433.0 958.0	0.25 0.03 <0.04 <0.05 0.05 <0.01 <0.01 0.05 <0.01 <0.01 <0.05 0.10 0.20		197.0 114.0 192.4 1.9 20.6 0.1 0.2 7.1 0.2 0.4 1.3 43.3 192.0		197.0 114.0 192.4 1.9 20.6 0.1 0.2 7.1 0.2 0.4 1.3 43.3 192.0	60.3 103.8 192.4 1.9 14.7 0.1 0.2 3.4 0.2 0.4 1.3 23.5 108.9	136.7 10.2 5.9 3.7 19.8 83.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
640	14.02	0.130	0.36	0.87	51	921	43	11 538	-637.4	1 374.5	1968	1994-12 GPP
16	3.00	0.250	0.22	0.95	22	967	28			870.7	1995	1997-03 GPP
16	6.00	0.300	0.46	0.95	18	961	32	8 407	-151.5	860.4	1987	1995-05 GPP
16	6.00	0.140	0.50	0.85	62	912	58	15 621	-746.9	1 496.1	1996	1997-11 ABAND 1997
16	5.70	0.080	0.22	0.85	77	900	64	35 923	-783.5	1 532.7	1996	1997-11 ABAND 1997
16	2.90	0.320	0.41	0.94	24	943	28	5 514	-72.9	821.5	1988	1996-07
16	3.50	0.220	0.40	0.98	7	970	30	6 390	-134.6	861.8	1980	1980-10 ABAND 1986
16	1.70	0.280	0.25	0.98	14	985	33	6 328	-141.2	871.9	1979	1980-03 ABAND 1983
32	6.40	0.280	0.40	0.95	11	905	28	6 413	-144.2	873.0	1989	1990-01 ABAND 1991
178	3.15	0.300	0.38	0.94	41	959	31	5 974	-137.0	872.3	1987	1996-08 GPP
16	1.10	0.310	0.37	0.96	20	964	27	3 986	-74.0	846.8	1995	1996-09 GPP
16	21.30	0.230	0.10	0.95	10	953	64	29 117	-1 213.2	2 052.8	1987	1987-08 GPP
32	4.50	0.140	0.35	0.88	47	938	62			1 790.3	1997	1998-12
16	6.22	0.250	0.50	0.90	39	953	49	7 842	-78.9	782.4	1969	1979-04 GPP
16	6.70	0.220	0.39	0.95	39	967	36	8 990	-152.7	901.4	1989	1995-11 ABAND 1995
64	8.68	0.120	0.47	0.90	62	922	35	11 240	-336.1	1 169.6	1984	1988-12 ABAND 1989
32	11.60	0.120	0.57	0.88	54	923	38	12 063	-357.1	1 217.5	1989	1998-07 ABAND 1998
32	5.70	0.130	0.65	0.88	54	923	35	11 347	-323.7	1 185.9	1983	1996-03
16	0.60	0.120	0.38	0.88	50	930	37	11 794	-372.8	1 232.7	1981	1983-11 ABAND 1991
16	7.40	0.220	0.52	0.93	27	953	39	6 667	-512.1	1 227.7	1989	1996-07
150	3.20	0.250	0.31	0.95	32	969	26	10 538	-308.6	1 049.7	1972	1998-12 GPP
576	4.00	0.260	0.31	0.92	20	972	31	10 364	-171.3	920.8	1973	1996-12 GPP
565	4.53	0.280	0.24	0.93	22	969	30	10 138	-169.7	892.3	1980	1996-07
16	1.80	0.280	0.39	0.95	32	969	26	9 343	-180.4	986.6	1977	1992-10 ABAND 1992
16	11.80	0.299	0.23	0.95	32	970	26	10 248	-190.7	988.1	1986	1987-04
16	1.30	0.250	0.72	0.96	22	990	31	10 873	-186.3	981.2	1987	1991-10 ABAND 1990
16	1.50	0.270	0.45	0.96	22	994	31	10 898	-188.9	912.0	1989	1989-12 ABAND 1990
16	5.70	0.240	0.30	0.93	31	965	32	8 956	-173.2	874.2	1981	1998-12 GPP
16	1.30	0.200	0.35	0.93	30	976	32	8 918	-169.2	866.9	1982	1984-05
16	5.00	0.290	0.30	0.93	27	955	37	10 114	-169.0	966.9	1986	1988-06 ABAND 1989
16	1.00	0.280	0.32	0.96	22	990	31	10 500	-171.8	972.3	1987	1995-09 ABAND 1995
48	5.90	0.270	0.41	0.96	22	994	31	10 055	-183.1	952.5	1990	1997-09 GPP
52	8.80	0.290	0.24	0.95	22	993	31	9 726	-186.5	988.9	1994	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
ATLEE-BUFFALO									
021-06W4 (CONTINUED)									
OSTRACOD A	22.5	<0.01		0.1		0.1	0.1	*	
BASAL MANNVILLE B	192.0	<0.01		0.1		0.1	0.1		
BASAL MANNVILLE D	114.0	<0.01		0.5		0.5	0.5		
BASAL MANNVILLE E	79.5	<0.09		7.0		7.0	7.0		
BASAL MANNVILLE F	26.5	<0.06		1.4		1.4	1.4		
BANFF A	188.0	<0.01		0.3		0.3	0.3		
FIELD TOTAL	12 523.7			779.9		779.9	520.5	259.4	
AUBURNDALE 047-06W4									
COLONY F	103.0	<0.01		0.1		0.1	0.1		
WAINWRIGHT A	1 013.0	0.20		203.0		203.0	169.8	33.2	
WAINWRIGHT B	3 094.0	0.05		155.0		155.0	65.1	89.9	
FIELD TOTAL	4 210.0			358.1		358.1	235.0	123.1	
BADGER 016-18W4									
UPPER MANNVILLE B	3 014.0	0.13	0.27	392.0	814.0	1 206.0	668.7	537.3	
WATER FLOOD									
UPPER MANNVILLE D	186.0	0.30		55.8		55.8	36.0	19.8	
UPPER MANNVILLE K	203.0	0.10		20.3		20.3	17.6	2.7	
UPPER MANNVILLE L	210.0	0.10		21.0		21.0	6.9	14.1	
UPPER MANNVILLE M	82.2	<0.01		0.3		0.3	0.3		
UPPER MANNVILLE P	107.0	0.10		10.7		10.7	9.4	1.3	
UPPER MANNVILLE Q	50.5	<0.08		3.7		3.7	3.7		
LOWER MANNVILLE A	101.0	<0.01		0.1		0.1	0.1		
LOWER MANNVILLE C	37.4	<0.01		0.1		0.1	0.1		
FIELD TOTAL *	3 991.1			504.0	814.0	1 318.0	742.8	575.2	
BANTRY 018-13W4									
MANNVILLE A TOTAL	22 800.0			9 120.0	86.9	9 207.0	9 087.7	119.3	
PRIMARY AREA	19 900.0	0.40		7 960.0		7 960.0			
WATER FLOOD AREA	2 897.0	<0.41	0.03	1 160.0	86.9	1 247.0			
MANNVILLE B	1 761.0	0.30		528.0		528.0	475.0	53.0	
MANNVILLE D	3 986.0	0.45		1 794.0		1 794.0	1 750.5	43.5	
MANNVILLE E	197.0	<0.05		9.9		9.9	2.1	7.8	
MANNVILLE F TOTAL	1 350.0			203.0	42.5	246.0	163.3	82.7	
PRIMARY AREA	925.0	0.15		139.0		139.0			
WATER FLOOD AREA	425.0	0.15	0.10	63.8	42.5	106.0			
MANNVILLE G	468.0	0.40		187.0		187.0	164.3	22.7	
MANNVILLE H	98.8	<0.02		1.7		1.7	1.7		
MANNVILLE J	135.0	<0.01		0.2		0.2	0.2		
MANNVILLE M	1 120.0	0.02		22.4		22.4	16.1	6.3	
MANNVILLE O	173.0	<0.08		13.0		13.0	12.4	0.6	
MANNVILLE P	453.0	0.10		45.3		45.3	38.4	6.9	
MANNVILLE R	76.8	<0.01		0.1		0.1	0.1		
MANNVILLE S	70.0	<0.06		4.2		4.2	4.2		
MANNVILLE V	82.1	<0.01		0.5		0.5	0.5		
MANNVILLE W	64.1	<0.04		2.3		2.3	2.3		
MANNVILLE Z	175.0	<0.09		14.5		14.5	14.5		
MANNVILLE AA	45.8	<0.02		0.8		0.8	0.8		
MANNVILLE DD	167.0	0.10		16.7		16.7	14.6	2.1	
MANNVILLE FF	2 159.0	0.30		648.0		648.0	570.3	77.7	
MANNVILLE GG	64.2	<0.02		1.1		1.1	1.1		
MANNVILLE HH	83.1	0.05		4.2		4.2	0.1	4.1	
MANNVILLE II	169.0	<0.01		0.6		0.6	0.6		
MANNVILLE KK	30.7	<0.08		2.4		2.4	2.4		
MANNVILLE LL	62.8	0.10		6.3		6.3	5.9	0.4	
MANNVILLE MM	106.0	0.05		5.3		5.3	1.5	3.8	
MANNVILLE OO	153.0	0.10		15.3		15.3	9.4	5.9	
MANNVILLE PP	456.0	0.02		9.1		9.1	5.6	3.5	
MANNVILLE QQ	311.0	0.10		31.1		31.1	16.0	15.1	
MANNVILLE SS	66.8	0.30		20.0		20.0	17.4	2.6	
MANNVILLE TT	91.4	<0.16		13.8		13.8	13.8		
MANNVILLE UU	168.0	<0.17		28.4		28.4	28.4		
MANNVILLE VV	57.2	0.05		2.9		2.9	1.0	1.9	
MANNVILLE WW	200.0	0.33		66.0		66.0	50.4	15.6	
MANNVILLE XX	240.0	0.10		24.0		24.0	22.9	1.1	
MANNVILLE CCC	14.2	<0.03		0.4		0.4	0.4		
MANNVILLE EEE	78.0	<0.01		0.4		0.4	0.4		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	1.00	0.220	0.34	0.97	10	980	33	9 324	-189.2	1 009.2	1982	1984-01 ABAND 1988
16	9.70	0.220	0.42	0.97	21	986	33	10 776	-193.6	1 020.2	1976	1978-10 ABAND 1994
16	6.10	0.220	0.44	0.95	21	990	28	9 646	-173.6	942.0	1974	1992-11
32	2.40	0.184	0.42	0.97	21	986	33	9 919	-190.1	1 009.7	1977	1992-10 ABAND 1992
16	1.20	0.230	0.38	0.97	21	986	33	10 715	-187.2	1 013.8	1972	1982-06 GPP
16	7.00	0.250	0.30	0.96	15	990	32	10 354	-200.3	897.2	1982	1985-12 ABAND 1989
16	4.00	0.270	0.40	0.99	8	971	26	2 620	76.1	619.6	1981	1982-07
364	1.61	0.300	0.40	0.96	14	959	24	3 807	41.6	625.2	1964	1995-12 GPP
538	2.40	0.320	0.22	0.96	9	959	24	3 954	42.9	624.8	1973	1998-04 GPP
317	5.63	0.240	0.20	0.88	56	930	34	11 951	-311.6	1 109.8	1980	1994-08 GPP
150	1.15	0.180	0.32	0.88	55	930	33	12 720	-310.7	1 111.3	1981	1997-07 GPP
64	2.70	0.230	0.42	0.88	56	930	34	11 898	-313.0	1 112.7	1982	1991-03 GPP
64	3.50	0.190	0.44	0.88	56	930	34	11 919	-310.0	1 107.1	1982	1991-03 GPP
64	1.00	0.200	0.27	0.88	56	930	34	11 037	-315.3	1 119.5	1983	1991-03 ABAND 1985
32	2.40	0.230	0.31	0.88	54	923	38	11 057	-313.8	1 120.0	1994	1995-04 GPP
32	1.30	0.230	0.40	0.88	54	923	38	9 193	-309.2	1 112.5	1995	1998-12 GPP
16	5.90	0.150	0.20	0.90	46	965	38	12 352	-339.0	1 149.2	1978	1979-02
16	2.50	0.200	0.48	0.90	43	928	38	12 193	-360.5	1 183.5	1985	1986-04 ABAND 1989
4 048					54	904	28	10 903	-231.1	983.8	1947	1996-12 GPP
3 615	3.42	0.265	0.31	0.88								
433	4.19	0.263	0.31	0.88								
456	2.50	0.270	0.35	0.88	54	904	28	10 646	-219.7	969.8	1960	1997-01 GPP
1 022	3.35	0.210	0.37	0.88	54	904	33	10 799	-249.4	1 021.0	1963	1994-12 GPP
32	3.70	0.280	0.34	0.90	47	909	35	10 625	-261.3	1 005.0	1963	1998-12
296					54	904	33	11 005	-259.0	1 012.7	1963	1996-11 GPP
216	3.27	0.240	0.38	0.88								
80	4.06	0.240	0.38	0.88								
141	2.20	0.260	0.34	0.88	54	904	28	10 474	-225.4	977.9	1964	1998-01 GPP
32	2.13	0.230	0.30	0.90	54	904	28	10 978	-258.0	1 004.8	1965	1997-08 ABAND 1991
16	7.01	0.210	0.35	0.88	54	904	33	10 961	-257.4	1 018.2	1967	1968-09 ABAND 1968
120	6.06	0.250	0.30	0.88	54	904	36	9 092	-247.0	1 003.0	1958	1985-12 GPP
32	3.05	0.250	0.10	0.79	57	915	37	10 485	-262.4	1 012.2	1964	1997-12 GPP
48	5.50	0.260	0.25	0.88	54	904	28	9 919	-222.3	974.1	1968	1997-08 GPP
32	2.50	0.220	0.51	0.89	47	910	37	10 668	-264.5	1 006.3	1979	1981-02 ABAND 1984
32	1.53	0.250	0.35	0.88	54	904	33	10 695	-270.2	1 019.1	1948	1996-07 GPP
32	2.70	0.180	0.40	0.88	54	903	31	9 917	-222.1	973.9	1980	1981-12 ABAND 1992
16	3.50	0.200	0.35	0.88	54	914	31	9 690	-200.6	948.5	1980	1992-10 ABAND 1993
32	4.50	0.200	0.31	0.88	48	883	34	10 706	-215.1	964.8	1982	1993-10 ABAND 1993
16	2.50	0.200	0.35	0.88	48	893	35	10 372	-264.1	1 010.5	1982	1989-12 ABAND 1991
83	1.81	0.210	0.40	0.88	54	887	29	9 452	-203.1	952.6	1983	1998-12 GPP
440	3.08	0.255	0.29	0.88	54	904	33	10 792	-244.7	1 011.6	1968	1993-12 GPP
64	1.00	0.190	0.40	0.88	50	893	37	9 289	-273.1	1 025.3	1984	1992-04 ABAND 1991
64	1.10	0.220	0.39	0.88	53	882	30	10 961	-270.7	1 005.4	1984	1998-01 GPP
64	2.38	0.200	0.37	0.88	49	893	34	9 484	-273.1	1 019.9	1985	1985-10 ABAND 1989
24	1.21	0.200	0.40	0.88	50	890	30	10 947	-225.5	974.6	1986	1996-07 ABAND 1996
64	1.10	0.170	0.41	0.89	45	887	37	10 338	-257.3	1 009.1	1989	1990-10 GPP
32	4.00	0.160	0.40	0.86	66	871	32	10 892	-252.4	986.5	1990	1991-10 GPP
64	2.00	0.240	0.42	0.86	66	871	32	10 640	-263.0	1 005.0	1992	1992-08 GPP
32	23.00	0.150	0.52	0.86	66	871	32	10 071	-242.5	989.0	1983	1998-12 GPP
64	3.20	0.250	0.31	0.88	55	890	36	11 316	-288.0	1 026.9	1991	1992-03 GPP
31	2.08	0.190	0.38	0.88	54	904	33	11 302	-262.2	1 009.7	1989	1995-12 GPP
67	1.00	0.250	0.38	0.88	54	904	33	10 737	-258.4	1 012.5	1963	1993-10 ABAND 1986
64	2.51	0.192	0.38	0.88	54	904	33	10 765	-259.3	1 012.4	1963	1997-12 GPP
34	1.32	0.230	0.37	0.88	54	904	33	10 936	-257.8	1 010.7	1962	1997-08 GPP
112	1.64	0.217	0.43	0.88	54	904	33	10 772	-260.1	1 014.4	1963	1997-12 GPP
32	5.62	0.240	0.37	0.88	54	904	33	8 705	-260.9	1 015.9	1990	1993-10 GPP
16	0.70	0.200	0.28	0.88	38	914	29	8 639	-249.2	1 017.4	1993	1996-07
16	4.00	0.200	0.30	0.87	53	904	37	9 457	-233.5	989.3	1993	1996-07 ABAND 1997

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
BANTRY 018-13W4 (CONTINUED)									
MANNVILLE FFF	164.0	0.10		16.4		16.4	8.3	8.1	
MANNVILLE HHH	15.1	0.10		1.5		1.5	0.3	1.2	
MANNVILLE KKK	54.7	0.10		5.5		5.5	0.3	5.2	
SUNBURST A	146.0	0.15		21.9		21.9	15.3	6.6	
SUNBURST C	300.0	0.09		27.0		27.0	22.9	4.1	
SUNBURST D	276.0	0.15		41.4		41.4	9.8	31.6	
SUNBURST E	47.3	<0.01		0.2		0.2	0.1	0.1	
SUNBURST F	118.0	0.10		11.8		11.8	1.9	9.9	
SUNBURST G	350.0	0.20		70.0		70.0	30.3	39.7	
SUNBURST I	265.0	0.20		53.0		53.0	42.1	10.9	
SUNBURST J	187.0	0.20		37.4		37.4	10.3	27.1	
SUNBURST K	46.0	0.15		6.9		6.9	6.4	0.5	
SUNBURST L	71.8	0.20		14.4		14.4	7.3	7.1	
SUNBURST-PEKISKO A	976.0			221.0	131.0	352.0	258.6	93.4	
TOTAL									
PRIMARY AREA	100.0	0.02		2.0		2.0			
WATER FLOOD AREA	876.0	0.25	0.15	219.0	131.0	350.0			
DETRITAL A	58.9	<0.07		4.0		4.0	4.0		
DETRITAL C	36.0	<0.06		2.1		2.1	2.1		
DETRITAL D	138.0	0.05		6.9		6.9	0.6	6.3	
PEKISKO A	66.4	<0.02		0.8		0.8	0.8		
PEKISKO B	172.0	<0.01		0.8		0.8	0.8		
PEKISKO C	66.8	<0.04		2.6		2.6	2.6		
PEKISKO G	620.0	0.10	0.01	62.0	6.2	68.2	59.2	9.0	
WATER FLOOD									
PEKISKO J	120.0	0.15		18.0		18.0	15.0	3.0	
PEKISKO K	168.0	0.12		20.2		20.2	17.5	2.7	
PEKISKO L	360.0	0.20		72.0		72.0	53.4	18.6	
PEKISKO M	94.0	0.18		16.9		16.9	14.8	2.1	
PEKISKO N	160.0	0.30		48.0		48.0	45.0	3.0	
PEKISKO I & SUNBURST B	404.0	0.10		40.4		40.4	32.3	8.1	
FIELD TOTAL *	43 214.0			13 666.0	266.6	13 933.2	13 158.3	774.9	
BARRHEAD 058-05W5									
BANFF A	390.0	0.10		39.0		39.0	3.0	36.0	
BANFF C	53.5	<0.21		11.1		11.1	11.1		
BANFF D	121.0	<0.01		0.6		0.6	0.6		
FIELD TOTAL	564.5			50.7		50.7	14.7	36.0	
BAXTER LAKE 046-05W4									
MANNVILLE C	142.0	<0.01		0.1		0.1	0.1		
WAINWRIGHT	1 342.0	0.22		295.0		295.0	255.8	39.2	
WAINWRIGHT C	1 318.0	0.20		264.0		264.0	154.2	109.8	
LLOYDMINSTER A	203.0	<0.01		0.2		0.2	0.2		
FIELD TOTAL	3 005.0			559.3		559.3	410.3	149.0	
BEAUVALLON 052-09W4									
COLONY K	368.0	<0.01		1.6		1.6	1.6		
FIELD TOTAL	368.0			1.6		1.6	1.6		
BELLIS 059-17W4									
UPPER MANNVILLE N2N	244.0	0.05		12.2		12.2	0.7	11.5	
UPPER MANNVILLE 020	102.0	0.10		10.2		10.2	0.1	10.1	
FIELD TOTAL	346.0			22.4		22.4	0.8	21.6	
BENTON 029-03W4									
MANNVILLE A	82.2	<0.01		0.8		0.8	0.8		
FIELD TOTAL	82.2			0.8		0.8	0.8		
BERRY 027-12W4									
UPPER MANNVILLE J	40.5	<0.02		0.8		0.8	0.8		
UPPER MANNVILLE M	21.1	<0.09		1.7		1.7	1.7		
LOWER MANNVILLE A	888.0	0.04		35.5		35.5	28.8	6.7	
LOWER MANNVILLE F	150.0	0.11		16.5		16.5	14.3	2.2	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	11.80	0.180	0.44	0.86	66	871	32	9 817	-254.5	1 011.3	1995	1995-12 GPP
32	0.50	0.170	0.37	0.88	38	914	29		-228.5	982.8	1997	1997-08 GPP
16	4.70	0.160	0.50	0.91	44	904	33			1 048.0	1996	1998-05
32	5.00	0.160	0.35	0.88	48	880	32	10 495	-212.6	961.7	1983	1997-07 GPP
60	4.79	0.200	0.40	0.87	59	886	29	9 834	-230.0	981.8	1973	1996-08 GPP
161	1.54	0.230	0.45	0.88	54	904	33	10 779	-257.3	1 026.3	1967	1998-11 GPP
32	2.10	0.160	0.50	0.88	54	904	33	9 514	-266.4	1 018.5	1991	1993-10 GPP
16	8.10	0.160	0.37	0.90	45	869	29	9 353	-214.5	964.8	1994	1994-06 GPP
64	4.34	0.240	0.39	0.86	81	906	29	9 979	-239.3	991.7	1994	1996-01 GPP
100	2.30	0.210	0.37	0.87	34	899	29	9 447	-226.0	978.3	1973	1995-05 GPP
48	3.43	0.250	0.49	0.89	50	877	32	8 684	-230.8	982.3	1995	1996-08 GPP
16	2.70	0.230	0.48	0.89	50	878	32	9 390	-219.0	970.8	1994	1995-11 GPP
16	4.40	0.230	0.49	0.87	81	906	29	8 462	-223.6	976.0	1995	1996-06
220					50	882	30	10 239	-218.2	967.4	1984	1995-12 GPP
32	3.08	0.170	0.32	0.88								
188	4.58	0.170	0.32	0.88								
32	1.53	0.228	0.40	0.88	42	870	30	8 461	-224.7	972.0	1983	1996-07 GPP
16	3.20	0.160	0.50	0.88	51	880	30	10 597	-213.7	962.8	1986	1996-07 ABAND 1997
32	4.20	0.180	0.40	0.95	61	905	26			986.0	1993	1998-03 GPP
16	14.63	0.045	0.30	0.90	53	965	39	10 807	-225.3	976.6	1966	1968-05 ABAND 1968
55	3.05	0.170	0.33	0.90	40	934	32	10 060	-228.6	983.0	1976	1983-12 ABAND 1978
32	2.00	0.150	0.20	0.87	55	880	33	10 571	-256.2	1 007.5	1982	1996-04 ABAND 1995
183	6.45	0.080	0.27	0.90	45	896	32	9 817	-216.3	967.9	1972	1992-12 GPP
31	10.20	0.065	0.35	0.90	45	896	32	8 909	-212.7	961.1	1982	1997-06 GPP
32	8.70	0.090	0.24	0.88	45	884	29	9 236	-217.0	966.4	1984	1990-12 GPP
101	5.00	0.108	0.25	0.88	49	892	34	10 571	-256.6	1 025.9	1978	1995-12 GPP
24	5.62	0.120	0.34	0.88	49	888	34	10 842	-258.4	1 040.0	1979	1997-12 GPP
64	2.81	0.140	0.28	0.88	49	881	34	10 552	-256.4	1 013.1	1980	1995-12 GPP
100	7.98	0.076	0.26	0.90	45	896	32	10 733	-216.2	965.9	1983	1997-12 GPP
192	3.20	0.110	0.28	0.80	51	921	40	9 866	-532.4	1 222.5	1949	1996-08
16	3.70	0.140	0.25	0.86	51	921	40	10 891	-512.9	1 185.0	1954	1975-12 ABAND 1970
16	4.00	0.300	0.25	0.84	64	870	48	10 936	-545.6	1 208.0	1995	1998-12 GPP
16	3.70	0.330	0.22	0.93	28	959	29	4 542	6.1	661.1	1975	1992-11
307	2.00	0.330	0.31	0.96	18	952	22	3 973	38.4	656.2	1947	1993-12 GPP
384	1.57	0.330	0.31	0.96	20	959	20	3 979	34.4	641.7	1973	1995-09 GPP
16	10.67	0.240	0.45	0.90	27	927	32	4 221	3.0	707.6	1975	1984-10 ABAND 1997
16	8.60	0.300	0.10	0.99	8	985	20			591.0	1984	1998-12 GPP
32	3.45	0.300	0.24	0.97	14	950	25			572.0	1994	1998-04 GPP
16	2.70	0.320	0.24	0.97	13	950	22			578.6	1997	1998-04 GPP
16	4.10	0.240	0.42	0.90	39	944	36	8 277	-133.9	904.8	1988	1989-02 ABAND 1989
16	2.47	0.190	0.40	0.90	43	876	37	9 678	-324.2	1 119.2	1978	1996-07
16	2.00	0.150	0.50	0.88	48	858	34	10 228	-309.6	1 096.7	1978	1996-07 GPP
160	4.47	0.210	0.35	0.91	40	891	34	9 874	-309.5	1 077.6	1964	1983-10 GPP
48	3.23	0.180	0.41	0.91	51	860	42	9 386	-299.3	1 110.5	1975	1997-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
BERRY 027-12W4 (CONTINUED)								
LOWER MANNVILLE I	52.4	<0.02		0.6		0.6	0.6	4
FIELD TOTAL *	1 152.0			55.1		55.1	46.2	8.9
BIGORAY 052-08W5								
OSTRACOD J	193.0	<0.03		4.5		4.5	4.5	
PEKISKO A	5 274.0	0.10		527.0		527.0	275.0	252.0
PEKISKO F	21.9	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	5 488.9			531.6		531.6	279.6	252.0
BINDLOSS 022-04W4								
GLAUCONITIC A	43.1	<0.03		1.0		1.0	1.0	
LOWER MANNVILLE A	194.0	0.05		9.7		9.7	9.2	0.5
LOWER MANNVILLE B	166.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	403.1			10.8		10.8	10.3	0.5
BIRCH 050-11W4								
GENERAL PETROLEUM A	326.0	0.02		6.5		6.5	2.5	4.0
FIELD TOTAL	326.0			6.5		6.5	2.5	4.0
BLACK BUTTE 001-08W4								
MANNVILLE B	932.0	0.11		103.0		103.0	86.7	16.3
FIELD TOTAL	932.0			103.0		103.0	86.7	16.3
BLOOD 007-22W4								
SUNBURST A	23.3	0.15		3.5		3.5	0.4	3.1
FIELD TOTAL	23.3			3.5		3.5	0.4	3.1
BLUERIDGE 059-10W5								
PEKISKO A	102.0	<0.06		5.5		5.5	5.5	
FIELD TOTAL	102.0			5.5		5.5	5.5	
BOLLOQUE 064-25W4								
UPPER MANNVILLE G	385.0	<0.01		3.8		3.8	3.8	
UPPER MANNVILLE K	742.0	0.05		37.1		37.1	5.1	32.0
FIELD TOTAL	1 127.0			40.9		40.9	8.9	32.0
BORDER 042-05W4								
LLOYDMINSTER A	52.2	0.01		0.5		0.5	0.2	0.3
WINTERBURN A	98.4	0.10		9.8		9.8	0.2	9.6
FIELD TOTAL	150.6			10.3		10.3	0.4	9.9
BOUNDARY LAKE SOUTH 086-12W6								
CHARLIE LAKE A	231.0	0.08		18.5		18.5	14.5	4.0
CHARLIE LAKE F	77.4	0.15		11.6		11.6	4.4	7.2
CHARLIE LAKE H	70.9	0.10		7.1		7.1	2.1	5.0
FIELD TOTAL *	379.3			37.2		37.2	21.0	16.2
BOW ISLAND 011-11W4								
GLAUCONITIC A	5 230.0	0.13		680.0		680.0	574.9	105.1
GLAUCONITIC B	51.7	<0.01		0.1		0.1	0.1	0.1
GLAUCONITIC C	101.0	0.10		10.1		10.1	4.1	6.0
GLAUCONITIC D	82.0	0.05		4.1		4.1	0.2	3.9
LOWER MANNVILLE A	56.8	0.10		5.7		5.7	1.8	3.9
LOWER MANNVILLE C	97.3	0.10		9.7		9.7	9.7	
LOWER MANNVILLE D	173.0	0.02		3.5		3.5	3.2	0.3
LOWER MANNVILLE F	664.0	0.20		133.0		133.0	45.3	87.7
SAWTOOTH B	182.0	0.20		36.4		36.4	25.1	11.3
SAWTOOTH D	807.0	0.43		347.0		347.0	289.8	57.2
SAWTOOTH E	70.7	<0.19		13.3		13.3	13.3	
SAWTOOTH F	448.0	0.40		179.0		179.0	104.1	74.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.00	0.180	0.50	0.91	36	875	43	10 996	-325.2	1 130.4	1985	1985-09 ABAND 1988
16	7.30	0.230	0.10	0.80	51	954	48	17 414	-945.6	1 778.4	1995	1998-12 GPP
2 760	5.00	0.070	0.35	0.84	62	915	64	15 283	-1 068.7	1 929.5	1962	1997-10 GPP
32	4.20	0.035	0.44	0.83	68	935	65	14 399	-1 082.2	1 977.0	1979	1986-08 ABAND 1986
16	1.50	0.270	0.30	0.95	44	945	31	6 788	-172.1	785.8	1982	1988-12 ABAND 1995
32	3.40	0.280	0.33	0.95	22	974	30	9 389	-167.7	787.9	1974	GPP
16	6.10	0.280	0.36	0.95	16	978	40	7 219	-174.6	786.3	1981	1987-12
32	7.00	0.270	0.45	0.98	3	965	24	4 968	0.6	643.8	1980	1998-11 GPP
333	2.47	0.210	0.38	0.87	62	915	32	8 599	102.6	936.9	1969	1998-12 GPP
16	2.00	0.120	0.34	0.92	32	940	40	6 332	-461.5	1 397.0	1997	1997-07 GPP
128	2.07	0.065	0.30	0.85	46	940	54	12 570	-836.5	1 739.9	1967	1992-11 GPP
16	12.95	0.280	0.33	0.99	10	971	24	4 571	73.5	633.2	1984	1993-12 ABAND 1993
64	5.69	0.320	0.33	0.95	20	973	32	4 483	63.8	638.4	1988	1997-12 GPP
8	6.80	0.200	0.50	0.96	17	941	30	4 110	-55.8	768.0	1995	1996-08
16	5.80	0.170	0.35	0.96	17	941	30	5 067	-52.8	736.5	1976	1996-08
64	2.50	0.210	0.15	0.81	36	927	42	11 107	-546.5	1 291.3	1983	1993-12 GPP
64	1.30	0.140	0.18	0.81	55	925	44	8 183	-525.3	1 217.9	1994	1998-12
32	2.10	0.150	0.21	0.89	49	928	43			1 288.5	1997	1998-06 GPP
288	9.55	0.260	0.23	0.95	19	920	34	9 963	-96.7	911.8	1985	1998-12 GPP
16	2.30	0.200	0.26	0.95	19	952	33	9 278	-99.0	911.9	1990	1996-04 ABAND 1996
16	3.82	0.260	0.33	0.95	20	967	34	9 390	-111.2	926.5	1992	1997-09 GPP
16	4.50	0.180	0.32	0.93	34	907	31			918.9	1997	1998-05 GPP
16	2.50	0.230	0.35	0.95	16	928	31	10 779	-131.6	918.8	1979	1998-06
64	1.27	0.200	0.37	0.95	16	916	31	10 386	-152.1	931.4	1984	1988-08 GPP
32	3.00	0.260	0.27	0.95	20	916	33	10 511	-139.0	931.3	1985	1995-02 GPP
32	11.80	0.260	0.28	0.94	21	886	33	8 601	-118.1	921.7	1995	1998-01 GPP
30	3.37	0.260	0.27	0.95	14	905	34	9 824	-106.4	919.1	1989	1994-08 GPP
294	2.15	0.210	0.36	0.95	14	929	33	10 282	-112.2	926.2	1980	1998-12 GPP
29	2.30	0.200	0.43	0.93	29	964	33	9 742	-152.0	913.3	1990	1996-07 GPP
192	1.80	0.220	0.38	0.95	14	929	34	9 191	-112.3	925.1	1991	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
BOW ISLAND 011-11W4 (CONTINUED)								
SAWTOOTH G	290.0	0.30		87.0		87.0	70.1	16.9
SAWTOOTH K	31.4	0.20		6.3		6.3	3.6	2.7
SAWTOOTH L	10.1	0.25		2.5		2.5	2.4	0.1
SAWTOOTH M	404.0	0.20		80.8		80.8	23.5	57.3
SAWTOOTH O	240.0	0.10		24.0		24.0	5.2	18.8
SAWTOOTH Q	95.1	0.25		23.8		23.8	8.3	15.5
SAWTOOTH R	241.0	0.20		48.2		48.2	12.7	35.5
SAWTOOTH S	72.8	0.05		3.6		3.6	2.0	1.6
SAWTOOTH T	496.0	0.20		99.2		99.2	25.3	73.9
SAWTOOTH U	165.0	0.10		16.5		16.5	5.2	11.3
SAWTOOTH V	61.1	0.10		6.1		6.1	1.1	5.0
FIELD TOTAL *	10 070.0			1 819.9		1 819.9	1 230.9	589.0
BRIKER 046-02W4								
COLONY D	109.0	0.05		5.5		5.5	4.8	0.7
FIELD TOTAL	109.0			5.5		5.5	4.8	0.7
BROOKS 019-14W4								
PEKISKO A	268.0	0.05		13.4		13.4	8.4	5.0
FIELD TOTAL	268.0			13.4		13.4	8.4	5.0
CAPRON 026-03W4								
DETRITAL D	83.8	<0.01		0.5		0.5	0.5	
BANFF A	27.9	<0.01		0.2		0.2	0.2	
FIELD TOTAL	111.7			0.7		0.7	0.7	
CECIL 084-08W6								
CHARLIE LAKE A	11 830.0	0.10		1 183.0		1 183.0	1 124.9	58.1
CHARLIE LAKE B	359.0	<0.01		0.3		0.3	0.3	
CHARLIE LAKE C	152.0	<0.01		0.2		0.2	0.2	
CHARLIE LAKE D	61.5	<0.01		0.4		0.4	0.4	
CHARLIE LAKE N	20.5	<0.01		0.2		0.2	0.2	
CHARLIE LAKE O	2 552.0	0.10		255.0		255.0	253.4	1.6
CHARLIE LAKE Q	71.2	<0.01		0.1		0.1	0.1	
CHARLIE LAKE R	663.0	0.12		79.6		79.6	24.1	55.5
CHARLIE LAKE S	327.0	0.10		32.7		32.7	2.6	30.1
CHARLIE LAKE V	90.0	0.10		9.0		9.0	1.8	7.2
CHARLIE LAKE AA	105.0	0.05		5.3		5.3	0.3	5.0
CHARLIE LAKE L & M	5 199.0	0.05		260.0		260.0	179.9	80.1
MONTNEY A	100.0	0.15		15.0		15.0	2.1	12.9
TAYLOR FLAT A	40.8	0.15		6.1		6.1	1.2	4.9
FIELD TOTAL	21 571.0			1 846.9		1 846.9	1 591.5	255.4
CEREAL 027-07W4								
DETRITAL A	155.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	155.0			0.1		0.1	0.1	
CESSFORD 025-13W4								
BASAL COLORADO A TOTAL	11 830.0			1 604.0	618.0	2 222.0	2 025.8	196.2
PRIMARY AREA	5 653.0	0.12		678.0		678.0		
WATER FLOOD AREA	6 176.0	0.15	0.10	926.0	618.0	1 544.0		
MANNVILLE C	29 100.0	0.15		4 365.0		4 365.0	3 582.5	782.5
MANNVILLE E	286.0	<0.10		26.6		26.6	26.6	
MANNVILLE I	139.0	<0.08		10.1		10.1	10.1	
MANNVILLE X	190.0	0.18		34.2		34.2	31.1	3.1
MANNVILLE Y & Z	9 816.0	0.08		785.0		785.0	688.2	96.8
MANNVILLE GGG	80.7	<0.08		5.9		5.9	5.9	
MANNVILLE WWW	89.1	<0.01		0.5		0.5	0.5	
MANNVILLE XXX	55.7	<0.01		0.4		0.4	0.4	
MANNVILLE P2P	149.0	<0.01		0.5		0.5	0.5	
MANNVILLE Q20	66.0	<0.01		0.1		0.1	0.1	
MANNVILLE T2T	203.0	0.10		20.3		20.3	6.4	13.9
MANNVILLE U2U	18.8	<0.07		1.2		1.2	1.2	
MANNVILLE V2V	28.9	<0.10		2.7		2.7	2.7	

HEAVY CRUDE OIL POOLS

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
80	2.24	0.240	0.29	0.95	17	919	37	9 388	-118.3	929.1	1991	1998-12 GPP
16	1.70	0.190	0.36	0.95	14	905	34	9 108	-118.1	925.9	1993	1993-05 GPP
16	0.50	0.180	0.26	0.95	20	911	26	9 101	-119.1	932.8	1993	1994-09 GPP
104	2.71	0.260	0.42	0.95	18	931	33	9 825	-121.6	903.6	1996	1998-03 GPP
32	6.60	0.240	0.49	0.93	29	930	33	9 711	-132.6	930.7	1996	1997-09 GPP
32	2.19	0.210	0.32	0.95	15	906	34	10 334	-115.1	932.2	1996	1997-10 GPP
131	1.20	0.260	0.38	0.95	15	907	34	10 324	-118.1	905.9	1997	1998-03 GPP
8	5.70	0.260	0.34	0.93	29	964	34	9 308	-148.8	934.1	1997	1998-12 GPP
55	5.37	0.260	0.29	0.91	90	925	41	9 806	-122.3	875.2	1997	1998-06 GPP
16	6.50	0.240	0.28	0.92	93	925	30			868.7	1997	1998-03 GPP
16	3.00	0.250	0.44	0.91	43	915	34			918.5	1997	1998-06
16	3.50	0.310	0.35	0.97	10	975	22		86.0	570.9	1996	1997-05 GPP
64	8.55	0.110	0.50	0.89	48	907	32	10 126	-276.6	1 028.2	1996	1997-10 GPP
16	7.20	0.150	0.50	0.97	11	970	32	8 097	-191.5	921.5	1991	1992-04 ABAND 1992
16	3.00	0.130	0.53	0.95	22	965	28	9 380	-191.7	913.5	1987	1988-02 ABAND 1989
2 877	4.00	0.160	0.27	0.88	44	907	46	10 103	-442.6	1 061.9	1975	1991-02 GPP
64	6.39	0.170	0.37	0.82	54	898	42	9 378	-427.4	864.4	1987	1987-12 ABAND 1989
32	7.60	0.134	0.47	0.88	45	912	46	10 284	-462.6	1 153.4	1987	1988-08 ABAND 1989
32	4.00	0.107	0.49	0.88	45	912	46	10 450	-470.3	1 154.3	1982	1992-10
16	1.60	0.140	0.35	0.88	44	907	46	10 372	-442.1	1 125.2	1989	1996-07
582	4.50	0.160	0.30	0.87	45	910	41	9 267	-456.8	1 150.3	1984	1993-09
16	4.14	0.170	0.29	0.89	44	914	45	10 211	-435.8	1 061.3	1988	1996-07 ABAND 1997
206	2.80	0.170	0.24	0.89	44	914	45	9 565	-444.9	1 094.5	1996	1998-02 GPP
64	4.25	0.180	0.25	0.89	44	914	45			1 088.0	1996	1998-04 GPP
16	4.50	0.180	0.22	0.89	45	910	41			1 056.0	1997	1998-11
32	3.50	0.150	0.30	0.89	44	913	45			1 361.2	1997	1998-12
797	5.22	0.180	0.22	0.89	44	849	45	9 481	-430.5	1 058.2	1987	1998-07 GPP
32	3.30	0.150	0.29	0.89	44	907	52		-733.3	1 364.1	1997	1998-12
32	2.00	0.100	0.25	0.85	65	916	50			1 411.2	1997	1998-04
16	8.60	0.240	0.48	0.90	36	924	35			985.5	1997	1998-12 ABAND 1998
3 238					46	898	27	8 700	-171.7	895.3	1950	1993-12 GPP
1 691	2.36	0.258	0.39	0.90								
1 547	3.03	0.240	0.39	0.90								
4 764	5.39	0.220	0.44	0.92	44	910	31	9 915	-274.0	1 016.7	1951	1995-09 GPP
66	3.88	0.247	0.48	0.87	44	904	37	9 745	-290.3	1 040.1	1962	1996-07 ABAND 1996
65	2.44	0.220	0.54	0.87	45	892	31	9 889	-276.9	1 015.4	1951	1995-08 ABAND 1995
64	3.10	0.200	0.45	0.87	45	892	31	8 594	-308.6	1 019.4	1968	1991-12 GPP
2 369	3.60	0.210	0.37	0.87	45	892	35	9 341	-279.4	1 006.2	1951	1995-12 GPP
64	1.50	0.210	0.55	0.89	49	904	32	8 403	-281.1	1 012.9	1977	1996-07 GPP
32	3.20	0.200	0.50	0.87	40	944	36	9 976	-306.3	1 061.3	1981	1985-12
16	3.57	0.190	0.43	0.90	38	910	39	8 038	-288.9	1 052.0	1982	1995-10 ABAND 1995
64	2.00	0.230	0.45	0.92	33	919	34	9 418	-293.3	1 042.0	1985	1986-06 ABAND 1990
32	2.50	0.230	0.61	0.92	33	909	34	8 516	-286.2	1 036.8	1986	1986-08 ABAND 1989
64	3.97	0.170	0.46	0.87	45	895	31	8 516	-286.7	1 027.2	1987	1989-05 GPP
16	1.50	0.170	0.50	0.92	33	864	38	8 328	-319.3	1 183.8	1983	1996-07
32	1.00	0.180	0.43	0.88	45	907	45	9 226	-327.5	1 182.0	1984	1984-02 ABAND 1990

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
CESSFORD 025-13W4 (CONTINUED)								
MANNVILLE Y2Y	50.9	0.15		7.6		7.6	5.6	2.0
MANNVILLE G3G	152.0	<0.01		0.2		0.2	0.2	
MANNVILLE Z3Z	628.0	0.15		94.2		94.2	52.6	41.6
MANNVILLE A4A	195.0	<0.01		0.1		0.1	0.1	
MANNVILLE B4B	113.0	<0.01		0.1		0.1	0.1	
MANNVILLE C4C	88.3	0.10		8.8		8.8	3.1	5.7
MANNVILLE D4D	104.0	<0.01		0.1		0.1	0.1	
MANNVILLE E4E	150.0	0.20		30.0		30.0	22.2	7.8
MANNVILLE F4F	62.2	<0.02		0.8		0.8	0.8	
MANNVILLE G4G	73.3	<0.01		0.3		0.3	0.3	
MANNVILLE H4H	55.6	0.15		8.3		8.3	3.0	5.3
MANNVILLE T4T	95.8	<0.01		0.3		0.3	0.3	
MANNVILLE W4W	76.4	<0.01		0.5		0.5	0.5	
COLONY A	55.6	<0.01		0.4		0.4	0.4	
BASAL QUARTZ C	789.0	0.02		15.8		15.8	7.4	8.4
BASAL QUARTZ F	103.0	0.10		10.3		10.3	5.0	5.3
BASAL QUARTZ G	106.0	0.10		10.6		10.6	2.5	8.1
BASAL QUARTZ H	57.5	<0.03		1.7		1.7	1.7	
BASAL QUARTZ I	102.0	<0.02		1.5		1.5	1.5	
BASAL QUARTZ K	67.7	0.10		6.8		6.8	5.7	1.1
DETRITAL C	78.9	0.05		3.9		3.9	3.1	0.8
DETRITAL D	74.1	<0.01		0.7		0.7	0.7	
DETRITAL F	293.0	0.04		11.7		11.7	5.4	6.3
FIELD TOTAL *	55 623.5			7 071.2	618.0	7 689.2	6 504.3	1 184.9
CHAUVIN 043-01W4								
MANNVILLE A TOTAL	6 442.0			705.0	732.0	1 437.0	1 416.0	21.0
PRIMARY AREA	341.0	0.10		34.1		34.1		
WATER FLOOD AREA	6 101.0	0.11	0.12	671.0	732.0	1 403.0		
MANNVILLE B	800.0	0.11		88.0		88.0	83.4	4.6
MANNVILLE E	68.9	0.10		6.9		6.9	0.3	6.6
COLONY B	201.0	0.10		20.1		20.1	7.5	12.6
SPARKY A WATER FLOOD	300.0	0.10	0.25	30.0	75.0	105.0	101.9	3.1
SPARKY D	1 510.0	0.12		181.0		181.0	138.5	42.5
SPARKY G	34.6	0.20		6.9		6.9	2.3	4.6
SPARKY H	55.5	0.10		5.6		5.6	0.7	4.9
SPARKY I	195.0	0.10		19.5		19.5	2.4	17.1
SPARKY K	29.8	0.10		3.0		3.0	1.6	1.4
SPARKY L	364.0	0.15		54.6		54.6	11.4	43.2
SPARKY E & GEN PET A	1 477.0	0.15		222.0		222.0	145.1	76.9
LLOYDMINSTER C	253.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER D	281.0	0.08		22.5		22.5	4.3	18.2
LLOYDMINSTER E	71.7	0.10		7.2		7.2	0.1	7.1
CUMMINGS A	139.0	0.10		13.9		13.9	7.1	6.8
CUMMINGS B	52.5	0.05		2.6		2.6	0.7	1.9
FIELD TOTAL	12 275.0			1 388.9	807.0	2 195.9	1 923.4	272.5
CHAUVIN SOUTH 042-02W4								
MANNVILLE MU #1	50 220.0			4 046.0	3 351.0	7 397.0	6 336.2	1 060.8
PRIMARY AREA	25 580.0	<0.08		1 866.0		1 866.0		
WATER FLOOD AREA	24 640.0	<0.08	0.13	2 180.0	3 351.0	5 531.0		
UPPER MANNVILLE D	194.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE E	52.2	0.10		5.2		5.2	0.4	4.8
UPPER MANNVILLE F	465.0	0.02		9.3		9.3	0.4	8.9
UPPER MANNVILLE G	42.7	<0.01		0.4		0.4	0.4	
COLONY A	556.0	0.06		33.4		33.4	24.0	9.4
COLONY B	333.0	<0.07		21.0		21.0	21.0	
COLONY D	1 017.0	0.20		203.0		203.0	68.6	134.4
COLONY R	194.0	<0.01		0.5		0.5	0.5	
SPARKY H WATER FLOOD	3 335.0	0.07	0.25	233.0	834.0	1 067.0	925.2	141.8
SPARKY M	125.0	<0.12		14.3		14.3	14.3	
SPARKY T	66.6	0.10		6.7		6.7	5.6	1.1
SPARKY W	352.0	0.03		10.6		10.6	4.1	6.5
SPARKY Z	70.6	<0.01		0.3		0.3	0.3	
SPARKY CC	89.9	0.08		7.2		7.2	6.7	0.5
SPARKY DD	23.9	0.02		0.5		0.5	0.5	
SPARKY EE	16.3	<0.01		0.1		0.1	0.1	
SPARKY FF	17.5	<0.02		0.3		0.3	0.3	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	2.00	0.160	0.46	0.92	33	919	34	9 892	-284.8	1 002.2	1988	1989-06 GPP
32	3.00	0.260	0.34	0.92	33	918	34	10 455	-198.5	932.6	1992	1995-11 ABAND 1995
200	2.10	0.250	0.35	0.92	33	918	34	9 039	-271.1	1 018.3	1991	1992-04 GPP
16	11.03	0.240	0.50	0.92	33	919	34	7 152	-279.5	1 010.0	1991	1994-05 ABAND 1994
16	5.00	0.260	0.41	0.92	33	919	34	7 101	-273.9	1 008.5	1991	1994-08 ABAND 1993
32	2.50	0.240	0.50	0.92	33	919	34	9 193	-280.9	1 003.5	1991	1992-04 GPP
32	3.20	0.220	0.50	0.92	33	919	34	9 122	-263.2	1 009.9	1991	1994-09 ABAND 1994
88	1.76	0.210	0.50	0.92	33	919	34	6 202	-280.4	1 007.5	1991	1995-12 GPP
16	3.20	0.240	0.45	0.92	33	919	34	8 430	-280.6	1 024.4	1991	1996-07 GPP
16	3.80	0.230	0.43	0.92	33	919	34	8 793	-276.5	1 011.1	1992	1996-03 ABAND 1995
32	1.80	0.210	0.50	0.92	33	918	34	8 147	-282.9	1 012.6	1992	1992-06 GPP
16	4.30	0.250	0.36	0.87	58	890	32	6 064	-290.6	1 042.3	1992	1996-07 GPP
16	4.15	0.250	0.50	0.92	33	918	34	9 734	-259.2	992.7	1992	1996-07 GPP
16	3.00	0.230	0.44	0.90	40	955	38	8 738	-132.9	860.5	1974	1988-12 ABAND 1992
192	6.55	0.140	0.46	0.83	56	865	40	9 501	-424.6	1 312.0	1980	1989-12 GPP
64	3.00	0.150	0.60	0.89	40	859	32	9 704	-273.4	988.9	1981	1985-08 GPP
64	2.00	0.176	0.49	0.92	33	890	34	10 638	-282.6	996.5	1987	1988-03 GPP
32	1.30	0.240	0.36	0.90	39	896	34	9 813	-285.0	998.5	1987	1996-12 ABAND 1989
16	7.20	0.170	0.39	0.85	67	875	31	8 976	-274.8	989.3	1989	1996-07 GPP
16	4.40	0.200	0.46	0.89	42	898	28	9 649	-267.1	980.7	1993	1995-03 GPP
16	5.80	0.150	0.37	0.90	39	896	27	9 484	-291.4	1 013.8	1987	1988-03 GPP
16	4.82	0.180	0.42	0.92	33	919	34	9 529	-296.5	1 038.9	1987	1996-07 ABAND 1996
32	8.00	0.180	0.31	0.92	33	907	35	9 629	-308.2	1 030.7	1994	1998-12 GPP
844					14	921	24	4 431	3.7	632.4	1952	1993-12
64	3.30	0.300	0.44	0.96								
780	4.85	0.300	0.44	0.96								GPP
191	2.24	0.300	0.35	0.96	14	921	24	4 416	2.0	616.3	1954	1997-12 GPP
8	6.80	0.240	0.45	0.96	17	921	24			611.9	1997	1998-04 GPP
24	4.90	0.290	0.40	0.98	8	962	24	5 145	39.6	567.8	1996	1998-01 GPP
130	1.82	0.240	0.45	0.96	14	922	24	5 633	5.1	625.7	1980	1993-12 GPP
655	1.27	0.300	0.37	0.96	17	950	24	4 817	16.6	592.2	1974	1994-12 GPP
16	1.50	0.250	0.40	0.96	17	932	24	5 601	1.6	607.8	1993	1995-03 GPP
16	2.50	0.270	0.47	0.97	10	914	28	3 250	-39.8	652.2	1995	1996-11 GPP
37	2.02	0.320	0.15	0.96	17	932	24	3 830	13.2	636.6	1996	1998-10 GPP
8	2.00	0.290	0.33	0.96	18	921	25			601.9	1997	1998-04 GPP
65	2.24	0.310	0.16	0.96	17	931	24		17.9	606.7	1997	1998-10 GPP
277	2.67	0.320	0.35	0.96	17	943	24	4 716	17.1	607.2	1979	1998-12 GPP
16	6.20	0.310	0.17	0.99	14	955	25	5 028	-41.0	667.4	1985	1988-12 ABAND 1986
49	2.89	0.310	0.34	0.97	14	939	14	5 270	-26.2	679.0	1996	1998-10 GPP
16	3.00	0.280	0.45	0.97	14	939	26		-29.1	672.0	1996	1997-10 GPP
16	4.44	0.290	0.29	0.95	21	956	26	4 543	-35.0	636.7	1962	1997-09 GPP
4	5.00	0.330	0.18	0.97	17	930	25		-39.8	664.5	1997	1998-10 GPP
6 318					16	910	31	3 962	-17.0	640.1	1952	1997-12
3 253	4.24	0.276	0.30	0.96								
3 065	4.01	0.290	0.28	0.96								GPP
16	5.40	0.320	0.23	0.91	45	985	24	4 045	24.4	608.9	1979	1980-06 GPP
16	2.00	0.270	0.35	0.93	27	884	24	3 012	-9.4	650.5	1994	1995-01 GPP
16	11.60	0.300	0.12	0.95	21	978	27	4 587	28.1	590.2	1979	1996-08 GPP
16	1.60	0.270	0.35	0.95	18	930	27	4 821	-61.8	689.8	1994	1998-11 ABAND 1998
64	4.47	0.292	0.30	0.95	14	927	25	4 272	45.3	607.5	1963	1997-12 GPP
16	9.45	0.320	0.29	0.97	9	972	33	4 091	44.5	584.8	1968	1996-07 ABAND 1997
202	2.50	0.310	0.33	0.97	20	940	35	4 182	43.8	571.6	1983	1997-12 GPP
16	6.40	0.300	0.35	0.97	18	930	25	3 993	17.0	634.4	1985	1996-07 GPP
505	2.73	0.300	0.16	0.96	20	898	28	4 800	-3.7	631.9	1971	1996-04 GPP
16	3.70	0.310	0.29	0.96	16	921	32	5 100	0.9	610.2	1973	1996-07 ABAND 1996
48	1.00	0.260	0.45	0.97	12	945	29	4 764	-20.1	650.8	1979	1995-12 GPP
48	5.95	0.240	0.47	0.97	12	925	25	4 750	-6.1	663.0	1982	1998-03 GPP
16	2.50	0.280	0.35	0.97	10	946	33	4 808	2.7	610.4	1983	1988-12 ABAND 1984
32	1.50	0.300	0.35	0.96	15	915	26	6 672	-22.1	655.8	1981	1997-12 GPP
16	1.00	0.280	0.45	0.97	13	913	24	4 804	3.7	610.8	1983	1996-07 GPP
8	1.20	0.280	0.37	0.96	18	930	22	4 807	5.3	618.9	1980	1989-08 ABAND 1990
16	0.70	0.280	0.42	0.96	18	905	25	5 845	-13.9	653.7	1987	1998-11 ABAND 1998

TABLE 2-6

FIELD POOL	1	3		6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
CHAUVIN SOUTH								
042-02W4 (CONTINUED)								
SPARKY II	90.8	0.10		9.1		9.1		9.1
SPARKY GG &	66.8	0.10		6.7		6.7	3.8	2.9
GENERAL PETROLEUM F								
SPARKY HH &	488.0	0.10		48.8		48.8	25.1	23.7
GENERAL PETROLEUM G								
GENERAL PETROLEUM C	228.0	0.10		22.8		22.8	9.3	13.5
GENERAL PETROLEUM H	65.2	0.10		6.5		6.5	1.9	4.6
GENERAL PETROLEUM I	135.0	0.05		6.8		6.8	0.7	6.1
REX A	90.4	<0.02		1.0		1.0	1.0	
REX C	39.9	0.07		2.8		2.8	0.3	2.5
LLOYDMINSTER F	373.0	<0.02		6.9		6.9	4.9	2.0
LLOYDMINSTER G	56.7	0.10		5.7		5.7	0.4	5.3
LLOYDMINSTER H	79.2	0.05		4.0		4.0	0.2	3.8
CUMMINGS B	82.1	0.05		4.1		4.1	1.0	3.1
DINA A	107.0	<0.01		0.1		0.1	0.1	
DINA B	186.0	<0.01		0.2		0.2	0.2	
DINA C	715.0	<0.01		1.5		1.5	1.5	
CAMROSE A	22.2	<0.03		0.5		0.5	0.5	
LEDUC A	161.0	<0.01		0.9		0.9	0.9	
LEDUC B	79.8	<0.01		0.3		0.3	0.3	
FIELD TOTAL	60 236.8			4 720.8	4 185.0	8 905.8	7 461.0	1 444.8
CHERHILL 056-05W5								
BANFF C	3 558.0	0.05		178.0		178.0	139.7	38.3
BANFF F	12 250.0	<0.05		520.0		520.0	505.7	14.3
BANFF O	113.0	<0.01		0.2		0.2	0.2	
BANFF V	217.0	<0.03		4.9		4.9	4.9	
BANFF Y	77.6	<0.02		1.2		1.2	1.2	
BANFF Z	302.0	0.04		12.1		12.1	4.4	7.7
FIELD TOTAL *	16 517.6			716.4		716.4	656.1	60.3
CHIGWELL 041-24W4								
MANNVILLE C	344.0	<0.01		1.7		1.7	1.7	
FIELD TOTAL *	344.0			1.7		1.7	1.7	
CHIN COULEE 008-15W4								
GLAUCONITIC A	221.0	<0.01		1.0		1.0	1.0	
GLAUCONITIC B	134.0	<0.02		2.2		2.2	2.2	
GLAUCONITIC C	390.0	0.10		39.0		39.0	19.8	19.2
GLAUCONITIC D	77.9	0.05		3.9		3.9	0.5	3.4
BASAL MANNVILLE A	4 337.0			434.0	702.0	1 136.0	1 093.0	43.0
TOTAL								
PRIMARY AREA	827.0	0.10		82.7		82.7		
WATER FLOOD AREA	3 510.0	0.10	0.20	351.0	702.0	1 053.0		
BASAL MANNVILLE B	360.0	0.10		36.0		36.0	10.0	26.0
SAWTOOTH A	30.5	<0.04		1.1		1.1	1.1	
SAWTOOTH B	559.0	0.30		168.0		168.0	106.4	61.6
SAWTOOTH C	162.0	0.20		32.4		32.4	22.0	10.4
SAWTOOTH D	28.0	0.20		5.6		5.6	3.3	2.3
SAWTOOTH E	27.2	0.05		1.4		1.4	0.1	1.3
SAWTOOTH F	120.0	0.20		24.0		24.0	2.9	21.1
FIELD TOTAL	6 446.6			748.6	702.0	1 450.6	1 262.3	188.3
COMPEER 033-02W4								
LOWER MANNVILLE A	118.0	<0.07		8.2		8.2	8.2	
LOWER MANNVILLE B	158.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	239.0	0.10		23.9		23.9	20.3	3.6
BANFF A	347.0	0.10		34.7		34.7	21.3	13.4
BANFF D	125.0	0.10		12.5		12.5	6.3	6.2
BAKKEN A	172.0	0.15		25.8		25.8	6.2	19.6
FIELD TOTAL	1 159.0			105.2		105.2	62.4	42.8
CONNORSVILLE 025-15W4								
LOWER MANNVILLE C	27.3	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	27.3			0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	2.60	0.300	0.25	0.97	12	934	29	4 792	-15.8	668.3	1996	1997-03 GPP
16	1.70	0.320	0.20	0.96	16	910	28	5 098	1.2	615.0	1995	1996-08 GPP
64	3.10	0.320	0.20	0.96	16	910	28	5 242	-15.2	647.8	1995	1998-12 GPP
64	2.72	0.270	0.50	0.97	13	912	24	4 950	-25.2	667.5	1991	1993-02 GPP
16	2.10	0.290	0.31	0.97	12	935	29		-0.4	646.7	1996	1997-11 GPP
16	4.20	0.300	0.30	0.96	18	905	25			648.6	1997	1998-02 GPP
16	4.50	0.230	0.40	0.91	14	985	28	6 782	-13.3	627.8	1983	1984-02 ABAND 1986
32	0.70	0.290	0.36	0.96	18	924	25			646.7	1995	1998-07 GPP
96	1.90	0.300	0.29	0.96	14	904	27	3 836	-24.1	650.8	1973	1980-12 GPP
16	1.40	0.300	0.13	0.97	14	940	26			658.5	1997	1998-01 GPP
16	2.50	0.300	0.32	0.97	14	938	26			664.8	1997	1998-05 GPP
16	5.00	0.270	0.60	0.95	19	935	28	4 998	-73.8	703.1	1995	1996-01 GPP
16	3.05	0.300	0.24	0.97	13	947	27	5 132	-46.3	672.1	1978	1979-01
16	5.50	0.290	0.24	0.96	12	958	33	5 191	-59.3	703.3	1985	1986-05 ABAND 1992
106	3.45	0.280	0.28	0.97	9	935	28	4 267	-44.6	676.6	1988	1997-11 ABAND 1996
16	2.80	0.120	0.57	0.96	13	985	31	4 543	-18.7	642.0	1969	1992-10 ABAND 1995
16	6.40	0.220	0.28	0.99	15	960	25	4 873	-35.5	653.5	1985	1996-07
16	6.00	0.240	0.65	0.99	15	945	25	4 902	-38.6	667.0	1994	1996-12 GPP
634	6.30	0.160	0.36	0.87	53	911	45	10 997	-655.4	1 390.2	1969	1990-07 GPP
944	14.38	0.170	0.39	0.87	46	910	40	11 479	-692.9	1 464.5	1981	1994-12 GPP
32	3.78	0.196	0.45	0.87	50	904	45	9 179	-587.5	1 286.4	1984	1985-12 ABAND 1986
32	11.54	0.110	0.40	0.89	44	935	50	11 334	-698.9	1 376.6	1981	1986-12 ABAND 1990
16	7.32	0.120	0.38	0.89	48	908	44	9 064	-575.5	1 273.8	1972	1978-12 ABAND 1979
32	8.40	0.180	0.29	0.88	49	921	47	11 071	-658.7	1 410.4	1968	1998-12
65	4.88	0.170	0.25	0.85	69	887	50	11 254	-676.8	1 483.6	1969	1974-12 ABAND 1973
16	13.50	0.130	0.19	0.97	10	926	33	8 919	-42.6	877.0	1985	1992-06 ABAND 1991
16	4.50	0.250	0.24	0.98	10	958	27	9 859	-46.7	928.8	1987	1996-07 GPP
96	4.23	0.150	0.34	0.97	5	915	22	7 068	-52.4	938.1	1961	1998-08 GPP
8	5.40	0.260	0.27	0.95	17	930	29			949.5	1997	1998-08 GPP
1 564					5	915	32	8 545	-60.9	942.3	1960	1997-12 GPP
340	2.21	0.189	0.40	0.97								
1 224	2.54	0.194	0.40	0.97								
157	2.49	0.190	0.50	0.97	64	915	34	13 822	-75.6	968.3	1996	1997-09
16	1.60	0.200	0.33	0.89	47	953	31	10 146	-81.3	962.2	1987	1994-11 ABAND 1994
154	2.73	0.240	0.37	0.88	47	953	33	9 954	-86.0	979.3	1994	1997-10 GPP
16	7.00	0.240	0.33	0.90	45	907	34	9 895	-96.1	981.7	1996	1996-07 GPP
16	1.50	0.200	0.36	0.91	44	907	33	9 335	-74.2	971.6	1996	1996-09 GPP
16	2.80	0.180	0.63	0.91	46	900	30			973.4	1993	1998-01 GPP
32	2.45	0.240	0.30	0.91	99	900	30		-73.4	971.3	1997	1998-03 GPP
32	2.80	0.230	0.37	0.92	35	934	32	6 254	-152.4	898.1	1978	1979-10 ABAND 1989
16	5.00	0.280	0.25	0.94	27	959	28	7 303	-148.9	885.3	1980	1983-12 ABAND 1981
64	2.14	0.320	0.42	0.94	25	960	28	6 437	-125.4	848.3	1984	1997-12 GPP
48	5.86	0.220	0.41	0.95	18	959	36	6 953	-138.6	848.8	1955	1996-11 GPP
32	3.20	0.210	0.38	0.94	18	959	36	7 363	-137.0	842.0	1987	1996-02 GPP
16	6.00	0.280	0.34	0.97	15	938	29	4 427	-119.1	827.3	1997	1997-10 GPP
64	1.50	0.080	0.60	0.89	52	893	32	8 973	-329.2	990.8	1978	1979-02 ABAND 1988

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
CONRAD 006-15W4								
ELLIS	2 540.0	0.23		584.0		584.0	548.4	35.6
SAWTOOTH A	182.0	0.10		18.2		18.2	7.2	11.0
SAWTOOTH B	72.6	0.10		7.3		7.3	7.3	
SAWTOOTH C	89.4	0.10		8.9		8.9	7.1	1.8
FIELD TOTAL	2 884.0			618.4		618.4	570.0	48.4
COUNTESS 021-16W4								
UPPER MANNVILLE B	4 412.0			662.0	940.0	1 602.0	1 441.0	161.0
TOTAL								
PRIMARY AREA	653.0	0.15		98.0		98.0		
WATER FLOOD AREA	3 759.0	0.15	0.25	564.0	940.0	1 504.0		
UPPER MANNVILLE D	12 950.0			1 291.0	6 120.0	7 411.0	6 807.4	603.6
TOTAL								
PRIMARY AREA	202.0	0.08		16.2		16.2		
WATER FLOOD AREA	12 750.0	0.10	0.48	1 275.0	6 120.0	7 395.0		
UPPER MANNVILLE F	1 882.0			177.0	548.0	725.0	695.9	29.1
TOTAL								
PRIMARY AREA	220.0	0.05		11.0		11.0		
WATER FLOOD AREA	1 662.0	0.10	0.33	166.0	548.0	714.0		
UPPER MANNVILLE H	5 725.0	0.10	0.33	573.0	1 889.0	2 462.0	2 382.0	80.0
WATER FLOOD								
UPPER MANNVILLE J	406.0	0.22		89.3		89.3	74.9	14.4
UPPER MANNVILLE L	208.0	<0.09		18.2		18.2	18.2	
UPPER MANNVILLE M	556.0	<0.13	0.15	67.3	83.4	150.7	150.7	
WATER FLOOD								
UPPER MANNVILLE O	2 541.0	0.15	0.25	381.0	635.0	1 016.0	937.7	78.3
WATER FLOOD								
UPPER MANNVILLE T	50.4	<0.03		1.2		1.2	1.2	
UPPER MANNVILLE U	85.2	0.10		8.5		8.5	7.0	1.5
UPPER MANNVILLE Y	71.8	<0.09		5.9		5.9	5.9	
UPPER MANNVILLE HH	350.0	0.05		17.5		17.5	13.7	3.8
UPPER MANNVILLE JJ	17.8	<0.08		1.4		1.4	1.4	
UPPER MANNVILLE KK	133.0	0.05		6.7		6.7	5.0	1.7
UPPER MANNVILLE MM	301.0	0.04		12.0		12.0	10.8	1.2
UPPER MANNVILLE PP	2 160.0	0.15	0.35	324.0	756.0	1 080.0	490.6	589.4
WATER FLOOD								
UPPER MANNVILLE UU	1 500.0	0.15	0.15	225.0	225.0	450.0	341.7	108.3
WATER FLOOD								
UPPER MANNVILLE VV	1 000.0	0.20	0.20	200.0	200.0	400.0	179.5	220.5
WATER FLOOD								
UPPER MANNVILLE YY	2 699.0	0.15	0.30	405.0	810.0	1 215.0	733.7	481.3
WATER FLOOD								
UPPER MANNVILLE ZZ	26.8	<0.02		0.4		0.4	0.4	
UPPER MANNVILLE AAA	89.7	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE BBB	152.0	0.15	0.05	22.8	7.6	30.4	20.0	10.4
WATER FLOOD								
UPPER MANNVILLE EEE	177.0	0.15	0.05	26.6	8.8	35.4	29.6	5.8
WATER FLOOD								
UPPER MANNVILLE HHH	188.0	0.15	0.15	28.2	28.2	56.4	55.2	1.2
WATER FLOOD								
UPPER MANNVILLE III	718.0	0.15	0.25	108.0	179.0	287.0	113.3	173.7
WATER FLOOD								
UPPER MANNVILLE NNN	180.0	0.10		18.0		18.0	3.6	14.4
UPPER MANNVILLE TTT	228.0	0.20		45.6		45.6	21.7	23.9
UPPER MANNVILLE J2J	78.6	0.15		11.8		11.8	2.9	8.9
LOWER MANNVILLE A	208.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE C	321.0	<0.01		0.6		0.6	0.6	
LOWER MANNVILLE F	134.0	<0.06		6.9		6.9	6.9	
LOWER MANNVILLE G	251.0	0.05		12.6		12.6	8.9	3.7
LOWER MANNVILLE H	97.9	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE I	61.7	<0.01		0.1		0.1		0.1
LOWER MANNVILLE J	105.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE K	87.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE L	64.3	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE N	124.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE O	32.8	<0.02		0.6		0.6	0.6	
LOWER MANNVILLE P	117.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE Q	218.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE S	311.0	0.05	0.02	15.6	6.2	21.8	16.3	5.5
WATER FLOOD								
LOWER MANNVILLE T	97.7	<0.01		0.9		0.9	0.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 475	1.52	0.198	0.35	0.88	53	904	30	10 452	-5.4	926.0	1944	1995-12 GPP
96	2.22	0.180	0.46	0.88	52	890	27	9 605	-17.7	961.8	1986	1990-03 GPP
32	2.80	0.155	0.45	0.95	19	908	29	9 021	-43.8	976.3	1983	1983-11 GPP
32	2.00	0.210	0.30	0.95	18	921	36	10 091	-30.7	968.0	1980	1981-08 GPP
685					45	887	37	11 013	-313.0	1 088.3	1965	1997-12
128	3.37	0.230	0.26	0.89								
557	4.05	0.240	0.22	0.89								GPP
1 679					45	904	36	10 940	-270.2	1 057.2	1967	1996-01
50	2.55	0.240	0.26	0.89								GPP
1 629	4.58	0.240	0.20	0.89								GPP
242					45	887	34	10 925	-278.8	1 077.3	1954	1995-11
64	2.51	0.220	0.30	0.89								
178	6.08	0.230	0.25	0.89								
710	5.28	0.220	0.22	0.89	50	898	32	11 097	-299.3	1 071.7	1968	1995-03 GPP
62	4.00	0.230	0.20	0.89	44	887	33	11 116	-305.8	1 076.5	1969	1997-12 GPP
65	2.29	0.207	0.24	0.89	45	881	39	10 118	-312.1	1 082.1	1971	1994-11 ABAND 1993
32	14.16	0.230	0.38	0.86	59	892	38	11 185	-301.1	1 080.6	1972	1998-12 GPP
170	8.15	0.260	0.17	0.85	51	915	36	10 753	-270.6	1 065.0	1973	1994-12 GPP
65	0.91	0.150	0.34	0.86	60	892	32	10 318	-260.5	1 049.0	1977	1978-12
16	4.00	0.230	0.35	0.89	41	890	33	9 778	-287.6	1 079.5	1978	1998-12 GPP
32	3.50	0.120	0.40	0.89	40	861	36	9 849	-316.9	1 056.0	1980	1996-07 GPP
128	2.11	0.220	0.34	0.89	43	887	37	11 146	-326.8	1 108.3	1983	1998-10 GPP
16	1.50	0.160	0.48	0.89	47	900	35	9 463	-288.2	1 077.3	1984	1996-07 GPP
32	5.00	0.170	0.43	0.86	55	855	38	9 437	-412.2	1 216.3	1985	1989-12 GPP
64	3.40	0.210	0.26	0.89	45	823	32	10 917	-302.9	1 074.1	1986	1996-06 GPP
308	4.23	0.230	0.19	0.89	45	887	37	11 195	-332.8	1 135.0	1984	1995-04 GPP
175	5.82	0.226	0.26	0.88	56	880	32	15 326	-301.1	1 075.4	1989	1991-10 GPP
132	4.54	0.240	0.21	0.88	56	880	32	10 516	-310.0	1 082.7	1989	1994-05 GPP
268	5.51	0.260	0.21	0.89	60	879	35	10 927	-257.3	1 032.7	1990	1995-01 GPP
16	2.00	0.150	0.38	0.90	44	895	32	10 807	-267.0	1 054.5	1979	1996-07 ABAND 1993
16	8.40	0.150	0.50	0.89	45	887	37	10 425	-269.0	1 041.5	1990	1994-12 ABAND 1993
43	2.73	0.230	0.36	0.88	45	887	37	10 845	-332.3	1 124.4	1990	1996-09 GPP
37	3.32	0.230	0.29	0.88	45	887	37	10 122	-323.9	1 110.5	1991	1998-12 GPP
79	1.50	0.220	0.19	0.89	45	904	36	13 563	-296.1	1 075.3	1990	1993-12 GPP
85	5.42	0.240	0.27	0.89	51	886	28	10 873	-254.5	1 029.0	1992	1997-03 GPP
64	4.50	0.160	0.56	0.89	42	890	33	9 278	-406.7	1 201.5	1993	1994-07
16	9.91	0.220	0.24	0.86	60	879	35	10 501	-292.0	1 074.7	1994	1995-11 GPP
16	3.60	0.210	0.27	0.89	44	887	37	10 507	-304.5	1 080.3	1995	1997-02 GPP
32	5.79	0.250	0.50	0.90	41	898	34	11 566	-324.2	1 105.7	1968	1973-12 ABAND 1972
65	2.74	0.270	0.25	0.89	42	915	38	10 875	-358.6	1 138.9	1974	1983-12 ABAND 1977
32	4.30	0.190	0.42	0.89	48	892	34	11 088	-352.0	1 130.8	1973	1996-07 GPP
64	4.00	0.160	0.28	0.85	66	864	34	10 868	-379.0	1 113.9	1979	1980-01 GPP
32	5.00	0.160	0.55	0.85	75	869	36	10 726	-486.5	1 347.5	1980	1994-11 ABAND 1993
64	1.80	0.140	0.55	0.85	53	855	41	10 374	-473.0	1 334.9	1980	1988-12
32	3.60	0.170	0.40	0.89	38	910	37	11 285	-326.4	1 096.5	1981	1982-09 ABAND 1983
64	2.00	0.160	0.50	0.85	58	865	40	10 889	-482.9	1 362.2	1981	1983-10
16	7.50	0.140	0.55	0.85	76	869	36	10 405	-479.2	1 357.5	1981	1996-07 GPP
32	3.30	0.220	0.40	0.89	46	910	36	10 885	-334.3	1 108.7	1983	1992-09 ABAND 1984
16	2.56	0.150	0.40	0.89	37	862	35	10 779	-315.2	1 085.2	1984	1991-12
32	3.80	0.180	0.40	0.89	44	900	34	10 480	-303.3	1 102.6	1979	1985-03 ABAND 1993
64	4.70	0.165	0.50	0.88	47	898	38	10 284	-456.3	1 286.5	1984	1985-06 ABAND 1986
45	5.24	0.210	0.31	0.91	83	839	45	11 867	-356.6	1 160.0	1989	1994-12 GPP
16	6.80	0.200	0.49	0.88	43	892	38	11 045	-334.8	1 105.8	1989	1996-07 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
COUNTESS 021-16W4 (CONTINUED)								
LOWER MANNVILLE U	69.4	<0.01		0.1		0.1	0.1	*
LOWER MANNVILLE V	206.0	0.10		20.6		20.6	11.6	9.0
LOWER MANNVILLE X	1 704.0	0.10		170.0		170.0	89.3	80.7
LOWER MANNVILLE NN	76.3	0.10		7.6		7.6	1.0	6.6
OSTRACOD D	169.0	0.22		37.2		37.2	26.6	10.6
OSTRACOD E & BASAL QUARTZ B	72.1	<0.10		6.9		6.9	6.9	
BASAL QUARTZ D	73.0	0.05		3.7		3.7	0.3	3.4
BASAL QUARTZ F	21.0	<0.01		0.1		0.1	0.1	
PEKISKO B	66.6	<0.01		0.1		0.1	0.1	
PEKISKO C	88.1	<0.01		0.1		0.1	0.1	
PEKISKO E	47.2	<0.01		0.4		0.4	0.4	
FIELD TOTAL *	43 709.4			5 014.5	12 436.2	17 450.7	14 718.7	2 732.0
CRANBERRY 096-06W6								
BLUESKY A	110.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL *	110.0			0.2		0.2	0.2	
DEER 025-07W4								
ELLERSLIE A	73.7	<0.02		1.1		1.1	1.1	
FIELD TOTAL	73.7			1.1		1.1	1.1	
DINA 045-01W4								
SPARKY	863.0	0.18		155.0		155.0	123.4	31.6
SPARKY B	134.0	0.20		26.8		26.8	22.5	4.3
SPARKY C	83.4	<0.01		0.1		0.1	0.1	
FIELD TOTAL	1 080.4			181.9		181.9	146.0	35.9
DOLCY 041-04W4								
LLOYDMINSTER A	1 349.0	0.10		135.0		135.0	91.3	43.7
LLOYDMINSTER C	2 106.0	0.25	0.10	526.0	211.0	737.0	470.8	266.2
WATER FLOOD								
LLOYDMINSTER D	106.0	0.10		10.6		10.6	2.6	8.0
CUMMINGS A	82.7	0.05		4.1		4.1	0.5	3.6
FIELD TOTAL	3 643.7			675.7	211.0	886.7	565.2	321.5
EARRING 083-08W6								
CHARLIE LAKE D	129.0	0.10		12.9		12.9	4.2	8.7
FIELD TOTAL *	129.0			12.9		12.9	4.2	8.7
EDGERTON 045-04W4								
COLONY G	73.1	<0.02		1.4		1.4	1.4	
SPARKY A	95.2	0.05		4.8		4.8	2.3	2.5
SPARKY B	15.1	<0.03		0.4		0.4	0.4	
GENERAL PETROLEUM A	81.3	<0.01		0.2		0.2	0.2	
REX A	1 146.0	0.10		115.0		115.0	19.9	95.1
LLOYDMINSTER A	151.0	<0.05		6.1		6.1	6.1	
LLOYDMINSTER B	145.0	0.04		5.8		5.8	4.6	1.2
LLOYDMINSTER C	53.1	<0.02		0.6		0.6	0.6	
LLOYDMINSTER D	55.6	<0.01		0.1		0.1	0.1	
LLOYDMINSTER E	131.0	0.08		10.5		10.5	10.5	
LLOYDMINSTER F	209.0	0.10		20.9		20.9	19.4	1.5
LLOYDMINSTER G	472.0	0.10		47.2		47.2	18.2	29.0
LLOYDMINSTER H	83.9	0.17		14.3		14.3	11.2	3.1
D-2 D	1 658.0	0.08		133.0		133.0	124.3	8.7
D-2 A & CAMROSE A	909.0	0.10		90.9		90.9	66.4	24.5
WOODBEND A	5 403.0	0.10		540.0		540.0	194.3	345.7
FIELD TOTAL	10 681.3			991.2		991.2	479.9	511.3
ENCHANT 014-16W4								
UPPER MANNVILLE B	217.0	0.06		13.1		13.1	13.1	
UPPER MANNVILLE D	107.0	<0.02		1.5		1.5	1.5	
UPPER MANNVILLE H	40.6	<0.10		3.8		3.8	3.8	
UPPER MANNVILLE I	55.6	<0.08		4.1		4.1	4.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	3.20	0.280	0.45	0.88	43	892	38	11 160	-352.2	1 148.6	1990	1996-07 ABAND 1996
32	4.20	0.260	0.36	0.92	33	918	34	10 083	-420.6	1 181.7	1990	1991-03 GPP
204	6.51	0.230	0.38	0.90	43	901	35	11 208	-326.4	1 098.2	1994	1998-10 GPP
16	7.00	0.170	0.55	0.89	51	900	35			1 194.9	1996	1998-06
128	1.50	0.200	0.50	0.88	48	887	38	9 995	-427.5	1 249.2	1985	1998-12 GPP
32	2.38	0.174	0.36	0.85	47	887	37	9 918	-452.2	1 302.3	1958	1995-05 ABAND 1993
16	7.60	0.150	0.50	0.80	40	905	35	10 328	-481.3	1 387.8	1959	1993-05 GPP
32	1.30	0.175	0.68	0.90	40	905	35	11 101	-273.6	1 047.8	1984	1984-12 ABAND 1993
64	4.50	0.040	0.35	0.89	43	864	38	10 394	-412.3	1 174.3	1980	1985-12 ABAND 1995
64	3.60	0.060	0.25	0.85	64	875	39	10 556	-493.1	1 363.7	1981	1984-12 ABAND 1997
16	5.00	0.110	0.39	0.88	47	894	34	9 683	-326.4	1 094.0	1994	1996-12 ABAND 1996
32	2.00	0.270	0.32	0.94	26	907	40		-60.1	980.0	1996	1998-12 GPP
16	4.90	0.180	0.42	0.90	35	955	37	9 324	-182.6	915.1	1989	1998-12 GPP
226	2.06	0.290	0.32	0.94	13	972	25	4 289	25.2	554.7	1947	1994-12 GPP
32	2.79	0.290	0.46	0.96	10	961	28	4 292	35.0	545.1	1985	1996-12 GPP
32	1.50	0.280	0.36	0.97	13	913	24	4 206	34.4	568.8	1988	1992-10 ABAND 1991
286	1.95	0.300	0.16	0.96	10	918	31	5 684	-83.6	800.4	1992	1997-01 GPP
247	3.70	0.300	0.20	0.96	10	918	31	5 339	-80.6	778.8	1996	1998-05 GPP
16	2.90	0.290	0.19	0.97	10	918	31			790.8	1997	1998-02 GPP
16	2.65	0.270	0.24	0.95	19	935	28	5 645	-102.4	791.6	1995	1997-09 GPP
32	5.20	0.140	0.37	0.88	44	907	46	9 461	-476.6	1 158.5	1993	1997-03 GPP
16	2.90	0.250	0.35	0.97	13	938	25	4 155	57.6	644.0	1979	1996-07
16	8.00	0.200	0.60	0.93	27	855	29	3 539	11.8	648.0	1984	1985-03 GPP
16	1.00	0.280	0.65	0.96	12	955	25	4 317	16.5	637.5	1980	1986-01 ABAND 1988
16	4.20	0.260	0.50	0.93	27	855	29	4 844	11.6	640.2	1984	1996-12 ABAND 1995
178	2.50	0.320	0.17	0.97	12	935	29	4 193	2.2	651.8	1996	1998-05 GPP
16	5.18	0.240	0.21	0.96	12	940	25	4 249	4.2	685.3	1975	1998-12
30	2.24	0.280	0.20	0.96	12	934	25	4 288	4.6	674.6	1977	1998-12 GPP
16	2.00	0.270	0.36	0.96	14	959	33	4 407	-2.3	655.2	1980	1980-07 ABAND 1998
16	2.00	0.270	0.33	0.96	12	951	25	4 808	-5.0	686.5	1980	1984-12 ABAND 1993
32	1.80	0.300	0.21	0.96	12	946	25	4 407	1.7	703.9	1979	1996-07 GPP
32	2.60	0.350	0.26	0.97	12	965	28	4 177	6.8	667.7	1985	1993-12 GPP
48	4.13	0.310	0.20	0.96	17	959	28	3 873	-12.2	662.7	1980	1998-07 GPP
16	2.47	0.280	0.21	0.96	16	946	28	4 319	-1.5	673.3	1976	1997-12 GPP
250	6.35	0.170	0.36	0.96	17	959	25	4 275	7.3	640.5	1983	1991-12 GPP
110	7.79	0.170	0.35	0.96	17	959	25	4 645	3.1	653.4	1984	1987-08 GPP
1 184	3.38	0.200	0.25	0.90	45	954	25	8 408	-431.9	1 127.4	1993	1994-11 GPP
64	2.65	0.240	0.40	0.89	48	915	30	11 269	-201.3	964.2	1966	1996-07 ABAND 1996
64	1.52	0.200	0.38	0.89	56	915	27	10 823	-228.9	989.1	1968	1997-03 ABAND 1988
16	3.10	0.140	0.35	0.90	46	919	23	11 530	-241.5	1 014.2	1973	1992-10
32	1.83	0.180	0.38	0.85	62	855	24	10 898	-212.8	1 015.3	1977	1996-07 GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
ENCHANT 014-16W4 (CONTINUED)								
UPPER MANNVILLE K	214.0	<0.02		2.7		2.7	2.7	4
UPPER MANNVILLE M	107.0	0.15		16.1		16.1	7.8	8.3
UPPER MANNVILLE S	131.0	0.15		19.7		19.7	13.7	6.0
UPPER MANNVILLE T	26.7	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE AA	30.2	<0.06		1.7		1.7	1.7	
UPPER MANNVILLE BB	326.0	0.10		32.6		32.6	13.6	19.0
UPPER MANNVILLE SS	45.1	<0.03		1.1		1.1	1.1	
UPPER MANNVILLE UU	135.0	0.03		4.1		4.1	2.5	1.6
UPPER MANNVILLE WW	163.0	0.10		16.3		16.3	2.4	13.9
UPPER MANNVILLE TT & YY	204.0	0.05		10.2		10.2	3.5	6.7
UPPER MANNVILLE CCC	26.3	0.10		2.6		2.6	0.2	2.4
UPPER MANNVILLE HHH	272.0	0.10		27.2		27.2	2.6	24.6
LOWER MANNVILLE B	332.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE E	61.1	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE I	206.0	0.05		10.3		10.3	5.9	4.4
LOWER MANNVILLE K	83.9	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE L	75.4	0.20		15.1		15.1	7.6	7.5
SUNBURST A	98.7	0.10		9.9		9.9	2.2	7.7
SUNBURST B	94.6	<0.03		2.5		2.5	2.5	
SUNBURST D	41.3	<0.01		0.2		0.2	0.2	
SUNBURST E	5.1	<0.02		0.1		0.1	0.1	
SUNBURST F	20.2	<0.02		0.4		0.4	0.4	
SUNBURST G	86.7	<0.01		0.7		0.7	0.7	
SUNBURST K	143.0	0.10		14.3		14.3	1.6	12.7
SUNBURST C & ELLIS G	175.0	0.10		17.5		17.5	11.2	6.3
ELLIS A	243.0	<0.03		5.6		5.6	5.6	
ELLIS B	223.0	0.20		44.6		44.6	36.0	8.6
ELLIS C	908.0	0.50		454.0		454.0	415.3	38.7
ELLIS D	1 690.0	0.30		507.0		507.0	439.6	67.4
ELLIS E	66.6	0.10		6.7		6.7	0.2	6.5
ELLIS F	398.0	0.25		99.5		99.5	91.1	8.4
ELLIS I	571.0	0.37		211.0		211.0	200.7	10.3
ELLIS J	87.6	0.09		7.9		7.9	6.5	1.4
ELLIS K	462.0	0.50		231.0		231.0	122.1	108.9
ELLIS L	2 337.0	0.60		1 402.0		1 402.0	1 284.9	117.1
ELLIS N	37.6	<0.02		0.5		0.5	0.5	
ELLIS P	33.7	<0.01		0.1		0.1	0.1	
ELLIS Q	301.0	0.25		75.3		75.3	37.5	37.8
ELLIS R	11.1	0.30		3.3		3.3	2.8	0.5
ELLIS S	201.0	0.25		50.3		50.3	34.4	15.9
ELLIS T	123.0	0.30		36.9		36.9	21.4	15.5
ELLIS U	487.0	0.50		244.0		244.0	213.3	30.7
ELLIS W	110.0	0.20		22.0		22.0	20.1	1.9
ELLIS X	105.0	0.19		20.0		20.0	15.8	4.2
ELLIS Y	262.0	0.55		144.0		144.0	122.7	21.3
ELLIS Z	105.0	0.20		21.0		21.0	13.4	7.6
ELLIS AA	133.0	0.30		39.9		39.9	21.5	18.4
ELLIS CC	78.2	0.15		11.7		11.7	1.8	9.9
FIELD TOTAL *	12 497.3			3 868.2		3 868.2	3 216.1	652.1
ENTWISTLE 054-06W5								
OSTRACOD A	143.0	0.10		14.3		14.3	1.2	13.1
NORDEGG-BANFF A	90.6	0.10		9.1		9.1	0.2	8.9
BANFF A	219.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	452.6			23.8		23.8	1.8	22.0
ESTHER 032-02W4								
UPPER MANNVILLE B	1 310.0	0.15		197.0		197.0	171.8	25.2
UPPER MANNVILLE F	44.0	<0.09		3.9		3.9	3.9	
UPPER MANNVILLE J	68.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE K	71.9	0.10		7.2		7.2	5.4	1.8
UPPER MANNVILLE R	87.9	0.25		22.0		22.0	7.6	14.4
UPPER MANNVILLE U	21.3	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE V	29.3	0.10		2.9		2.9	1.5	1.4
UPPER MANNVILLE X	98.8	0.10		9.9		9.9	7.9	2.0
UPPER MANNVILLE Y	102.0	0.05		5.1		5.1	4.7	0.4
BAKKEN A	57.9	<0.01		0.2		0.2	0.2	
BAKKEN B	54.0	0.02		1.1		1.1	0.4	0.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	11.30	0.190	0.30	0.89	44	891	33	11 886	-244.9	1 044.7	1982	1998-11 ABAND 1989
24	3.07	0.230	0.30	0.90	35	931	60	11 016	-253.5	1 041.5	1981	1998-08
32	4.00	0.140	0.19	0.90	42	913	33	10 172	-241.3	1 001.7	1987	1997-12 GPP
16	1.70	0.180	0.38	0.88	57	927	34	12 358	-295.6	1 090.0	1988	1996-07 ABAND 1998
16	2.30	0.160	0.41	0.87	60	868	32	10 753	-256.4	1 024.5	1990	1996-07 GPP
64	6.13	0.150	0.34	0.84	72	890	31	10 831	-232.2	1 008.5	1991	1992-06 GPP
16	1.80	0.220	0.20	0.89	56	915	27	10 677	-211.7	978.6	1968	1997-03 ABAND 1993
16	8.20	0.200	0.43	0.90	46	913	33	9 838	-159.3	966.2	1995	1997-09
106	1.35	0.220	0.37	0.82	70	888	31		-206.3	967.0	1996	1997-05
16	17.70	0.160	0.50	0.90	46	913	33	9 866	-174.9	980.3	1994	1997-09 GPP
16	1.60	0.170	0.35	0.93	35	945	29	10 309	-247.0	1 040.1	1985	1997-09 GPP
32	4.50	0.250	0.16	0.90	46	945	33		-294.2	1 102.3	1997	1998-06
65	4.57	0.220	0.40	0.85	53	855	38	11 566	-270.2	1 040.7	1968	1969-06 ABAND 1969
16	3.00	0.220	0.35	0.89	15	922	24	12 146	-290.6	1 085.2	1978	1996-07
16	10.00	0.210	0.28	0.85	67	875	32	11 240	-274.4	1 023.3	1988	1989-09 GPP
32	3.20	0.150	0.40	0.91	38	904	29	11 364	-273.9	1 037.5	1994	1996-10 ABAND 1996
32	2.00	0.210	0.39	0.92	37	921	27	11 642	-299.3	1 096.0	1996	1997-07 GPP
64	1.80	0.190	0.45	0.82	82	855	38	10 831	-230.3	1 032.5	1976	1996-12
16	6.00	0.170	0.39	0.95	18	934	33	10 831	-230.6	1 018.0	1987	1994-05 ABAND 1993
16	4.00	0.170	0.60	0.95	20	897	32	10 229	-226.4	1 021.8	1991	1996-04 ABAND 1996
16	0.60	0.160	0.60	0.83	46	941	22	9 638	-198.7	995.6	1992	1993-10 ABAND 1993
16	1.20	0.180	0.37	0.93	22	895	32	9 533	-194.3	982.5	1992	1996-04 ABAND 1994
16	6.40	0.150	0.38	0.91	38	905	29	9 944	-266.7	1 030.7	1994	1997-02 ABAND 1996
32	3.50	0.210	0.33	0.91	44	910	30	10 148	-217.1	999.8	1996	1996-09 GPP
32	4.80	0.210	0.43	0.95	20	875	32	10 898	-220.9	1 009.0	1989	1996-06 GPP
64	3.00	0.240	0.40	0.88	15	880	30	11 362	-222.2	1 028.1	1953	1989-12 ABAND 1988
96	2.58	0.220	0.53	0.87	53	934	28	10 922	-201.2	989.9	1983	1991-12 GPP
181	3.10	0.240	0.29	0.95	15	875	34	11 198	-201.0	996.6	1981	1994-12 GPP
545	2.44	0.220	0.32	0.85	67	875	32	11 273	-206.1	993.1	1981	1997-12 GPP
16	3.00	0.240	0.32	0.85	74	880	35	11 010	-217.0	1 011.6	1987	1992-03 GPP
101	2.68	0.260	0.35	0.87	53	876	28	10 524	-183.3	974.2	1989	1994-10 GPP
150	3.07	0.250	0.43	0.87	53	875	28	10 671	-180.4	955.0	1990	1997-12 GPP
32	1.90	0.230	0.28	0.87	53	875	28	10 332	-207.1	1 005.8	1990	1996-08 GPP
120	2.05	0.260	0.24	0.95	14	875	34	10 095	-178.5	965.7	1991	1998-12 GPP
324	4.33	0.240	0.22	0.89	14	905	34	10 270	-180.8	966.6	1991	1997-12 GPP
16	1.90	0.210	0.38	0.95	18	931	33	10 135	-184.8	965.3	1991	1992-11 ABAND 1992
16	1.40	0.270	0.36	0.87	53	877	28	10 522	-181.0	953.0	1991	1996-07 ABAND 1996
80	2.21	0.280	0.30	0.87	53	875	28	10 214	-207.6	996.7	1992	1992-11 GPP
16	1.00	0.160	0.50	0.87	53	868	28	10 179	-206.1	993.1	1992	1993-12 GPP
32	3.60	0.280	0.30	0.89	44	866	31	13 831	-178.9	962.2	1992	1995-12 GPP
73	1.52	0.230	0.46	0.89	44	866	31	9 709	-177.3	959.3	1992	1997-01 GPP
96	2.64	0.260	0.17	0.89	44	866	31	9 852	-184.5	965.4	1993	1998-12 GPP
64	1.47	0.240	0.44	0.87	53	868	28	9 812	-186.6	961.9	1993	1995-12 GPP
32	2.30	0.220	0.32	0.95	14	905	34	10 435	-183.4	970.7	1991	1997-12 GPP
48	3.90	0.235	0.33	0.89	40	880	32	10 276	-181.5	972.2	1992	1996-09 GPP
47	1.40	0.230	0.27	0.95	14	906	34	9 555	-196.9	984.5	1992	1994-12 GPP
61	1.38	0.250	0.32	0.93	34	891	32	9 378	-195.2	972.5	1994	1996-09 GPP
16	5.20	0.220	0.55	0.95	15	906	34	9 246	-208.0	998.0	1996	1996-07 GPP
16	6.50	0.200	0.23	0.89	44	956	53			1 532.0	1997	1998-07 GPP
16	6.20	0.180	0.41	0.86	48	917	64			1 585.0	1991	1998-02
16	11.80	0.180	0.26	0.87	54	919	42	13 037	-781.8	1 553.3	1989	1995-02 ABAND 1994
512	1.80	0.220	0.32	0.95	24	959	29	7 438	-49.8	724.0	1968	1997-02 GPP
16	2.70	0.170	0.37	0.95	22	950	25	7 191	-54.2	761.5	1979	1996-07 GPP
16	3.00	0.300	0.50	0.95	21	929	27	8 052	-104.6	811.8	1984	1985-08 ABAND 1992
32	1.20	0.270	0.27	0.95	40	957	27	6 539	-56.8	735.5	1972	1995-12 GPP
32	1.55	0.290	0.35	0.94	31	950	26	3 599	-49.0	747.7	1995	1998-11 GPP
8	2.00	0.260	0.46	0.95	1	944	32	7 986	-97.2	794.0	1995	1996-10
16	2.00	0.180	0.47	0.96	18	938	33	8 037	-102.9	801.0	1996	1996-11 GPP
16	3.00	0.300	0.27	0.94	29	927	24		-56.1	769.0	1996	1997-07 GPP
32	2.34	0.300	0.50	0.91	43	927	27		-69.3	769.2	1996	1997-10 GPP
16	3.20	0.170	0.30	0.95	30	973	29	7 212	-106.9	790.0	1984	1988-12
16	1.92	0.250	0.26	0.95	20	973	29	8 209	-141.8	847.9	1988	1997-12 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
ESTHER 032-02W4 (CONTINUED)								
BAKKEN C	330.0	0.20		66.0		66.0	30.0	36.0
BAKKEN E	681.0	0.15		102.0		102.0	20.3	81.7
BAKKEN G	154.0	0.15		23.1		23.1	7.7	15.4
BAKKEN I	292.0	0.05		14.6		14.6	3.1	11.5
BAKKEN J	116.0	0.20		23.2		23.2	15.7	7.5
BAKKEN K	165.0	0.15		24.8		24.8	8.1	16.7
BAKKEN L	727.0	0.30		218.0		218.0	147.6	70.4
BAKKEN M	421.0	0.15		63.2		63.2	44.8	18.4
BAKKEN N	101.0	0.15		15.2		15.2	5.3	9.9
BAKKEN O	186.0	0.15		27.9		27.9	10.1	17.8
BAKKEN P	362.0	0.25		90.5		90.5	29.4	61.1
BAKKEN Q	893.0	0.20		179.0		179.0	46.9	132.1
BAKKEN R	125.0	0.15		18.8		18.8	4.3	14.5
BAKKEN S	401.0	0.15		60.2		60.2	8.3	51.9
BAKKEN T	28.6	0.15		4.3		4.3	0.5	3.8
BAKKEN U	636.0	0.15		95.4		95.4	14.6	80.8
FIELD TOTAL *	7 564.1			1 275.7		1 275.7	600.3	675.4
EYREMORE 018-18W4 LOWER MANNVILLE A	331.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	331.0			0.1		0.1	0.1	
FERGUSON 003-17W4 LOWER MANNVILLE A	507.0			10.1	7.1	17.2	8.6	8.6
TOTAL								
PRIMARY AREA	270.0	0.02		5.4		5.4		
WATER FLOOD AREA	237.0	0.02	0.03	4.7	7.1	11.8		
FIELD TOTAL	507.0			10.1	7.1	17.2	8.6	8.6
FINCASTLE 009-15W4								
TABER A	105.0	0.10		10.5		10.5	7.5	3.0
TABER B	37.9	0.10		3.8		3.8	2.3	1.5
FIELD TOTAL	142.9			14.3		14.3	9.8	4.5
FLOOD 085-24W5								
CHARLIE LAKE A	330.0	0.05		16.5		16.5	2.8	13.7
CHARLIE LAKE B	128.0	0.05		6.4		6.4	0.6	5.8
FIELD TOTAL *	458.0			22.9		22.9	3.4	19.5
GALAHAD 040-15W4 ELLERSLIE O	115.0	0.10		11.5		11.5	0.1	11.4
FIELD TOTAL *	115.0			11.5		11.5	0.1	11.4
GEORGE 082-05W6 KISKATINAW O	92.9	0.10		9.3		9.3	0.7	8.6
FIELD TOTAL *	92.9			9.3		9.3	0.7	8.6
GILBY 041-03W5 RUNDLE K	627.0	0.02		12.6		12.6	10.9	1.7
FIELD TOTAL *	627.0			12.6		12.6	10.9	1.7
GLADYS 020-27W4 RUNDLE D	366.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	366.0			0.1		0.1	0.1	
GLENEVIS 055-04W5 BANFF	5 005.0	0.45		2 252.0		2 252.0	1 819.2	432.8
FIELD TOTAL	5 005.0			2 252.0		2 252.0	1 819.2	432.8
GRAINDALE 026-02W4 LOWER MANNVILLE C	83.0	<0.01		0.8		0.8	0.8	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	2.54	0.310	0.31	0.95	31	946	18	7 141	-99.2	800.4	1994	1997-01 GPP
96	3.95	0.270	0.30	0.95	57	937	33	7 796	-119.7	822.6	1995	1996-10 GPP
32	3.00	0.260	0.35	0.95	26	953	28	7 203	-106.0	805.6	1993	1996-10 GPP
32	4.94	0.270	0.28	0.95	22	927	32	7 948	-112.8	810.3	1995	1996-08 GPP
32	2.80	0.210	0.35	0.95	21	946	29	7 545	-111.0	827.1	1984	1996-10 GPP
16	5.00	0.290	0.25	0.95	57	937	33	7 545	-111.0	816.8	1995	1996-10 GPP
64	5.19	0.320	0.28	0.95	57	937	33	7 375	-110.9	822.0	1985	1998-12 GPP
63	3.75	0.280	0.33	0.95	1	944	32	7 505	-96.6	794.5	1969	1996-10 GPP
16	3.42	0.300	0.36	0.96	17	945	32	7 752	-115.0	823.3	1996	1997-10 GPP
48	2.50	0.250	0.34	0.94	29	938	29	6 588	-107.4	811.5	1996	1998-04 GPP
48	4.10	0.290	0.34	0.96	18	938	32	7 843	-109.6	812.3	1996	1996-11 GPP
80	5.40	0.290	0.25	0.95	21	938	32	7 424	-116.2	817.1	1996	1997-10 GPP
16	4.00	0.290	0.30	0.96	18	940	32	7 740	-116.6	818.0	1996	1997-01 GPP
32	6.57	0.280	0.29	0.96	16	954	33	7 785	-121.5	834.3	1996	1997-11
16	1.50	0.180	0.31	0.96	16	954	33	5 421	-123.3	836.0	1996	1997-01 GPP
32	10.38	0.280	0.28	0.95	21	938	32		-114.0	815.0	1996	1996-11 GPP
64	5.20	0.180	0.35	0.85	67	881	33	9 973	-348.0	1 152.9	1978	1982-12 ABAND 1979
80					10	935	30	7 162	150.0	908.7	1969	1998-06 GPP
48	7.67	0.140	0.46	0.97								
32	7.75	0.170	0.42	0.97								
32	2.77	0.210	0.40	0.94	28	934	30	10 295	-99.9	978.3	1977	1997-12 GPP
32	1.50	0.140	0.40	0.94	18	925	35	5 959	-102.4	979.3	1979	1997-12 GPP
32	4.70	0.290	0.22	0.97	32	917	35	6 383	-145.9	865.5	1994	1995-08 GPP
32	2.50	0.210	0.20	0.95	25	922	31	6 234	-144.6	861.3	1995	1996-04 GPP
16	3.50	0.240	0.10	0.95	16	908	34	8 688	-348.1	1 096.8	1996	1997-02 GPP
64	1.50	0.150	0.25	0.86	66	881	50		-856.8	1 468.8	1997	1998-11
65	19.14	0.075	0.17	0.81	66	915	69	15 536	-1 087.3	2 061.4	1971	1975-12
32	25.50	0.120	0.55	0.83	74	948	54	18 648	-961.0	2 035.6	1979	1982-12 ABAND 1982
722	10.47	0.120	0.38	0.89	43	934	43	10 788	-586.2	1 327.3	1951	1998-12 GPP
16	4.00	0.210	0.35	0.95	21	975	30	9 123	-192.3	936.6	1980	1981-01 ABAND 1989

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
GRAINDALE 026-02W4 (CONTINUED)								
LOWER MANNVILLE D	83.0	<0.01		0.1		0.1	0.1	*
FIELD TOTAL	166.0			0.9		0.9	0.9	
GRAND FORKS 011-13W4								
UPPER MANNVILLE B	3 111.0			465.0	1 020.0	1 485.0	1 332.7	152.3
TOTAL								
PRIMARY AREA	21.2	<0.11		2.3		2.3		
WATER FLOOD AREA	3 090.0	0.15	0.33	463.0	1 020.0	1 483.0		
UPPER MANNVILLE E	148.0	0.20		29.6		29.6	26.9	2.7
UPPER MANNVILLE G	13.1	0.20		2.6		2.6	1.7	0.9
UPPER MANNVILLE H	392.0	0.10		39.2		39.2	6.3	32.9
UPPER MANNVILLE I	220.0	0.05		11.0		11.0	9.5	1.5
LOWER MANNVILLE D	16 210.0			1 919.0	4 371.0	6 290.0	6 280.6	9.4
TOTAL								
PRIMARY AREA	603.0	0.10		60.3		60.3		
WATER FLOOD AREA	15 610.0	<0.12	0.28	1 859.0	4 371.0	6 230.0		
LOWER MANNVILLE H	574.0			175.0	26.2	201.0	195.7	5.3
TOTAL								
PRIMARY AREA	49.9	0.35		17.5		17.5		
WATER FLOOD AREA	524.0	0.30	0.05	157.0	26.2	183.0		
LOWER MANNVILLE X	148.0	<0.02		1.8		1.8	1.8	
LOWER MANNVILLE Y	80.2	<0.05		3.3		3.3	3.3	
LOWER MANNVILLE CC	12.3	<0.05		0.6		0.6	0.6	
LOWER MANNVILLE EE	35.6	<0.03		1.0		1.0	1.0	
LOWER MANNVILLE NN	45.1	<0.02		0.7		0.7	0.7	
LOWER MANNVILLE OO	56.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE RR	198.0	0.05		9.9		9.9	5.6	4.3
LOWER MANNVILLE SS	28.3	0.07		2.0		2.0	2.0	
LOWER MANNVILLE UU	21.7	0.25		5.4		5.4	4.2	1.2
LOWER MANNVILLE VV	17.1	0.25		4.3		4.3	3.8	0.5
LOWER MANNVILLE WW	626.0	0.20		125.0		125.0	57.7	67.3
LOWER MANNVILLE XX	11.2	<0.03		0.3		0.3	0.3	
LOWER MANN K & V	4 497.0	0.15	0.36	675.0	1 619.0	2 294.0	2 241.3	52.7
WATER FLOOD								
LOWER MANNVILLE M&N	1 055.0	0.21		222.0		222.0	200.7	21.3
LOWER MANNVILLE TT &	1 246.0	0.25		312.0		312.0	263.5	48.5
SAWTOOTH U								
SAWTOOTH A	1 013.0	0.25		253.0		253.0	209.6	43.4
SAWTOOTH C	435.0	0.15		65.3		65.3	60.7	4.6
SAWTOOTH D	1 727.0	0.30		518.0		518.0	436.1	81.9
SAWTOOTH F	213.0	0.28		59.6		59.6	40.1	19.5
SAWTOOTH G	33.6	<0.06		1.9		1.9	1.9	
SAWTOOTH H	71.3	<0.10		7.0		7.0	7.0	
SAWTOOTH I	353.0	0.35		124.0		124.0	89.9	34.1
SAWTOOTH J	448.0	0.11		49.3		49.3	48.1	1.2
SAWTOOTH K	32.4	<0.01		0.3		0.3	0.3	
SAWTOOTH L	1 940.0	0.36		698.0		698.0	654.2	43.8
SAWTOOTH N	1 670.0	0.25		418.0		418.0	394.5	23.5
SAWTOOTH O	4 429.0	0.40		1 772.0		1 772.0	1 657.5	114.5
SAWTOOTH Q	1 839.0	0.30		552.0		552.0	447.8	104.2
SAWTOOTH T	2 500.0	0.50		1 250.0		1 250.0	1 149.0	101.0
SAWTOOTH W	924.0	0.25		231.0		231.0	179.4	51.6
SAWTOOTH X	285.0	0.10		28.5		28.5	22.7	5.8
SAWTOOTH Y	211.0	0.15		31.7		31.7	26.0	5.7
SAWTOOTH Z	61.3	<0.03		1.5		1.5	1.5	
SAWTOOTH AA	28.3	<0.06		1.5		1.5	1.5	
SAWTOOTH CC	230.0	0.25		57.5		57.5	53.2	4.3
SAWTOOTH EE	314.0	0.35		110.0		110.0	93.3	16.7
SAWTOOTH II	1 173.0	0.20		235.0		235.0	176.1	58.9
SAWTOOTH JJ	220.0	<0.01		1.0		1.0	1.0	
SAWTOOTH KK	522.0	0.25		131.0		131.0	71.0	60.0
SAWTOOTH LL	676.0	<0.14		88.9		88.9	88.9	
SAWTOOTH MM	4 351.0	0.30	0.20	1 305.0	870.0	2 175.0	2 127.2	47.8
WATER FLOOD								
SAWTOOTH NN TOTAL	917.0			285.0	69.5	355.0	339.4	15.6
PRIMARY AREA	222.0	0.34		75.5		75.5		
WATER FLOOD AREA	695.0	0.30	0.10	209.0	69.5	279.0		
SAWTOOTH OO	2 687.0	0.20	0.34	537.0	914.0	1 451.0	1 285.8	165.2
WATER FLOOD								
SAWTOOTH PP	300.0	0.05		15.0		15.0	13.5	1.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	4.20	0.200	0.35	0.95	25	990	33	8 510	-195.5	967.7	1980	1984-04
274					17	887	34	10 736	-149.5	928.0	1971	1994-12
16	1.10	0.190	0.34	0.96								
258	6.33	0.270	0.27	0.96								
160	1.31	0.150	0.51	0.96	18	886	34	10 598	-140.8	906.9	1983	1997-12 GPP
16	1.00	0.170	0.50	0.96	18	886	34	10 208	-128.5	887.1	1993	1994-01 GPP
32	7.93	0.230	0.30	0.96	10	947	34	8 029	-122.5	899.6	1994	1995-03 GPP
48	2.84	0.240	0.30	0.96	18	886	34	10 325	-130.4	892.8	1994	1997-12 GPP
929					16	881	31	10 909	-144.8	895.6	1968	1993-12 GPP
64	5.00	0.270	0.28	0.97								
865	9.92	0.250	0.25	0.97								
110					21	934	32	10 591	-159.1	949.4	1971	1997-12
24	2.00	0.190	0.43	0.96								
86	3.17	0.260	0.23	0.96								
16	5.20	0.240	0.23	0.96	16	933	33	10 387	-125.1	901.0	1981	1996-07 GPP
32	1.23	0.300	0.30	0.97	9	952	34	10 611	-156.9	929.6	1972	1977-12 ABAND 1991
16	1.50	0.120	0.55	0.95	18	888	34	8 613	-143.4	912.4	1981	1996-07
32	1.20	0.150	0.35	0.95	16	886	31	10 611	-142.1	867.8	1982	1988-12
32	1.70	0.150	0.43	0.97	11	904	28	11 715	-156.7	869.4	1984	1989-12 ABAND 1990
32	2.00	0.180	0.48	0.95	16	887	31	10 462	-158.7	876.0	1988	1988-08 ABAND 1988
32	5.00	0.210	0.38	0.95	14	905	34	10 046	-142.8	922.0	1988	1989-03 GPP
16	1.80	0.190	0.45	0.94	25	886	33	8 746	-159.2	920.2	1991	1996-07 GPP
16	1.60	0.180	0.50	0.94	21	886	33	9 640	-148.0	863.9	1992	1994-01 GPP
16	1.00	0.190	0.40	0.94	21	886	33	9 457	-132.1	887.3	1987	1995-12 GPP
86	5.47	0.220	0.37	0.96	10	947	34	8 610	-119.3	907.5	1994	1996-08 GPP
16	0.70	0.200	0.48	0.96	10	947	34	9 475	-134.6	926.9	1994	1995-11 ABAND 1995
384	5.87	0.250	0.16	0.95	18	892	32	11 391	-145.7	908.2	1973	1998-12 GPP
102	6.43	0.242	0.30	0.95	21	921	33	10 761	-136.2	899.6	1973	1997-12 GPP
218	4.11	0.240	0.39	0.95	15	905	34	10 034	-135.8	910.2	1973	1995-12 GPP
202	3.99	0.210	0.37	0.95	18	892	42	10 842	-149.4	874.2	1965	1994-11 GPP
48	5.70	0.250	0.33	0.95	20	922	30	10 363	-154.1	897.8	1980	1989-12 GPP
250	6.20	0.230	0.49	0.95	20	912	31	10 434	-145.0	917.7	1980	1995-12 GPP
115	2.09	0.170	0.45	0.95	18	903	42	10 917	-153.7	914.8	1979	1996-01 GPP
32	0.90	0.150	0.18	0.95	18	931	42	10 658	-150.2	933.2	1980	1995-09 ABAND 1995
64	1.00	0.170	0.31	0.95	20	904	37	10 658	-155.2	953.5	1978	1988-12 ABAND 1991
91	3.30	0.210	0.41	0.95	18	892	42	10 232	-154.7	908.4	1958	1996-05 GPP
138	2.54	0.240	0.44	0.95	19	891	32	10 595	-144.1	885.0	1979	1998-12 GPP
16	2.81	0.217	0.65	0.95	20	900	33	10 355	-129.2	923.9	1983	1989-12
300	5.34	0.230	0.44	0.94	22	910	32	10 628	-149.8	867.9	1978	1998-12 GPP
107	9.43	0.260	0.33	0.95	18	907	34	10 579	-168.9	917.1	1984	1988-11 GPP
600	5.63	0.230	0.40	0.95	21	887	33	10 792	-155.6	908.8	1966	1993-12 GPP
294	3.64	0.270	0.33	0.95	16	921	31	10 539	-138.5	936.6	1975	1995-07 GPP
426	4.22	0.240	0.39	0.95	21	886	33	10 401	-144.0	880.9	1979	1994-08 GPP
112	6.20	0.240	0.41	0.94	25	910	32	10 622	-152.9	870.7	1980	1995-12 GPP
32	7.80	0.240	0.50	0.95	20	920	30	10 318	-168.6	915.3	1985	1997-06 GPP
32	4.20	0.220	0.25	0.95	14	900	34	10 234	-159.6	906.7	1985	1995-12 GPP
32	2.10	0.190	0.50	0.96	16	906	47	10 374	-153.1	938.4	1985	1991-12 ABAND 1991
32	1.21	0.160	0.52	0.95	20	911	30	10 046	-151.6	940.1	1985	1996-07 ABAND 1996
64	2.50	0.275	0.45	0.95	15	905	34	10 220	-132.9	906.3	1985	1997-12 GPP
48	5.54	0.230	0.46	0.95	19	899	33	10 130	-130.4	929.4	1986	1995-12 GPP
48	14.70	0.250	0.30	0.95	18	904	33	9 882	-166.3	913.7	1986	1989-06 GPP
64	4.90	0.180	0.59	0.95	15	922	34	9 535	-158.7	900.7	1986	1992-10
140	3.10	0.200	0.36	0.94	24	911	30	10 887	-148.8	914.1	1965	1997-05 GPP
57	7.47	0.260	0.35	0.94	20	904	33	10 876	-147.6	903.3	1965	1996-07 GPP
1 125	2.27	0.250	0.29	0.96	18	887	31	10 898	-145.2	916.5	1957	1993-04 GPP
116					40	946	32	10 625	-156.2	909.0	1971	1997-12 GPP
36	4.25	0.240	0.37	0.96								
80	5.99	0.240	0.37	0.96								
598	2.40	0.260	0.25	0.96	21	887	33	10 840	-159.0	936.8	1971	1998-12 GPP
32	6.10	0.270	0.40	0.95	19	887	83	10 436	-157.6	900.0	1973	1985-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
GRAND FORKS 011-13W4 (CONTINUED)									
SAWTOOTH RR	214.0	<0.03		4.4		4.4	4.4	*	
SAWTOOTH SS	2 048.0	0.37		758.0		758.0	681.9	76.1	
SAWTOOTH VV	761.0	0.35		266.0		266.0	261.8	4.2	
SAWTOOTH WW TOTAL	3 812.0			910.0	1 444.0	2 354.0	2 296.4	57.6	
PRIMARY AREA	202.0	<0.04		6.9		6.9			
WATER FLOOD AREA	3 610.0	0.25	0.40	903.0	1 444.0	2 347.0			
SAWTOOTH XX	54.7	<0.01		0.1		0.1	0.1		
SAWTOOTH ZZ	534.0	0.30		160.0		160.0	146.6	13.4	
SAWTOOTH AAA	49.2	<0.05		2.1		2.1	2.1		
SAWTOOTH BBB	34.7	<0.01		0.2		0.2	0.2		
SAWTOOTH CCC	688.0	0.11		75.7		75.7	71.2	4.5	
SAWTOOTH DDD	245.0	0.30		73.5		73.5	64.0	9.5	
SAWTOOTH EEE	332.0	0.10		33.2		33.2	26.8	6.4	
SAWTOOTH FFF	43.8	<0.01		0.4		0.4	0.4		
SAWTOOTH HHH	265.0	0.30		79.5		79.5	36.2	43.3	
SAWTOOTH III	392.0	0.04		15.7		15.7	6.4	9.3	
SAWTOOTH LLL	276.0	<0.06		16.5		16.5	16.5		
SAWTOOTH MMM	115.0	<0.01		0.2		0.2	0.2		
SAWTOOTH NNN	145.0	0.10		14.5		14.5	7.4	7.1	
SAWTOOTH PPP	1 777.0	0.30		533.0		533.0	273.0	260.0	
SAWTOOTH QQQ	509.0	0.30		153.0		153.0	137.7	15.3	
SAWTOOTH RRR	157.0	<0.01		0.8		0.8	0.8		
SAWTOOTH SSS TOTAL	418.0			159.0	5.2	164.0	154.6	9.4	
PRIMARY AREA	158.0	0.38		60.0		60.0			
WATER FLOOD AREA	260.0	0.38	0.02	98.8	5.2	104.0			
SAWTOOTH TTT	185.0	<0.09		15.6		15.6	15.6		
SAWTOOTH UUU	28.6	<0.01		0.1		0.1	0.1		
SAWTOOTH VVV	141.0	<0.01		0.1		0.1	0.1		
SAWTOOTH WWW	108.0	0.02		2.2		2.2	2.2		
SAWTOOTH ZZZ	95.1	0.15		14.3		14.3	10.6	3.7	
SAWTOOTH A2A	111.0	0.10		11.1		11.1	7.1	4.0	
SAWTOOTH B2B	575.0	0.25		144.0		144.0	72.1	71.9	
SAWTOOTH C2C	374.0	0.32		120.0		120.0	109.4	10.6	
SAWTOOTH D2D	350.0	0.04		14.0		14.0	7.6	6.4	
SAWTOOTH E2E	218.0	0.10		21.8		21.8	13.4	8.4	
SAWTOOTH F2F	415.0	0.30		125.0		125.0	108.2	16.8	
SAWTOOTH G2G	44.0	<0.03		1.0		1.0	1.0		
SAWTOOTH H2H	155.0	0.20		31.0		31.0	13.4	17.6	
SAWTOOTH I2I	469.0	0.07		32.8		32.8	26.0	6.8	
SAWTOOTH J2J	112.0	<0.02		1.7		1.7	1.7		
SAWTOOTH K2K	452.0	0.20		90.4		90.4	51.2	39.2	
SAWTOOTH L2L	183.0	0.20		36.6		36.6	11.7	24.9	
SAWTOOTH M2M	100.0	0.20		20.0		20.0	11.1	8.9	
SAWTOOTH N2N	180.0	0.30		54.0		54.0	33.9	20.1	
SAWTOOTH O2O	56.2	<0.02		0.9		0.9	0.9		
SAWTOOTH P2P	464.0	0.10		46.4		46.4	24.1	22.3	
SAWTOOTH Q2Q	30.0	0.30		9.0		9.0	7.6	1.4	
SAWTOOTH R2R	50.0	0.20		10.0		10.0	3.3	6.7	
SAWTOOTH U2U	346.0	0.35		121.0		121.0	71.7	49.3	
SAWTOOTH V2V	129.0	0.30		38.7		38.7	31.5	7.2	
SAWTOOTH W2W	188.0	0.20		37.6		37.6	18.3	19.3	
SAWTOOTH X2X	60.6	<0.01		0.1		0.1	0.1		
SAWTOOTH Y2Y	53.2	0.30		16.0		16.0	2.4	13.6	
FIELD TOTAL *	76 893.5			17 104.1	10 338.9	27 443.1	25 162.3	2 280.8	
GREENCOURT 059-09W5									
JURASSIC A & PEKISKO A	3 987.0	0.15		598.0		598.0	323.7	274.3	
PEKISKO C	136.0	<0.01		0.5		0.5	0.5		
FIELD TOTAL	4 123.0			598.5		598.5	324.2	274.3	
GREENCOURT EAST 059-06W5									
JURASSIC A	88.0	<0.01		0.6		0.6	0.6		
BANFF A	180.0	<0.01		0.3		0.3	0.3		
BANFF B	135.0	<0.01		0.6		0.6	0.6		
FIELD TOTAL *	403.0			1.5		1.5	1.5		

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
115	1.64	0.230	0.44	0.88	50	921	34	10 927	-176.3	963.2	1964	1994-04 ABAND 1992
256	4.90	0.250	0.29	0.92	64	941	21	10 604	-162.9	957.0	1953	1994-12 GPP
112	5.10	0.230	0.39	0.95	18	892	42	10 715	-143.5	902.9	1979	1991-12 GPP
723					31	885	32	10 761	-164.0	925.4	1983	1996-09 GPP
32	4.40	0.280	0.45	0.93								
691	3.27	0.260	0.36	0.96								
32	3.00	0.200	0.70	0.95	16	886	31	10 522	-145.1	858.0	1983	1983-11 ABAND 1989
75	5.79	0.200	0.36	0.96	22	895	32	10 520	-156.3	910.3	1984	1992-12 GPP
16	4.40	0.210	0.65	0.95	27	891	34	10 919	-175.1	920.3	1987	1996-03 ABAND 1996
16	1.70	0.210	0.36	0.95	14	906	34	9 648	-162.7	910.9	1987	1996-07 GPP
117	3.90	0.260	0.39	0.95	14	899	34	10 340	-151.3	905.1	1987	1998-12 GPP
48	4.23	0.209	0.38	0.93	31	887	32	10 269	-169.3	927.2	1985	1995-12 GPP
64	3.35	0.270	0.37	0.91	31	887	32	9 697	-169.8	918.2	1987	1988-03 GPP
16	1.90	0.220	0.31	0.95	16	886	31	9 760	-151.0	879.1	1987	1991-12
44	3.89	0.240	0.32	0.95	18	907	34	9 382	-162.4	916.4	1988	1996-08 GPP
32	8.95	0.240	0.40	0.95	18	907	34	10 384	-178.0	931.4	1988	1996-08
16	10.50	0.240	0.28	0.95	14	906	34	9 436	-164.1	918.9	1988	1998-12 GPP
16	5.00	0.240	0.37	0.95	14	906	34	9 378	-154.0	912.5	1988	1996-07 GPP
16	5.80	0.250	0.34	0.95	14	906	34	10 898	-172.9	926.1	1988	1988-11 GPP
614	2.72	0.200	0.44	0.95	14	906	34	10 843	-155.5	925.7	1988	1995-10 GPP
160	2.70	0.200	0.38	0.95	14	906	34	10 241	-148.9	881.3	1988	1996-04 GPP
32	5.50	0.200	0.53	0.95	14	906	34	9 415	-163.7	914.8	1989	1994-12 ABAND 1991
86					40	946	32	11 221	-157.8	910.8	1976	1990-02 GPP
37	2.86	0.250	0.38	0.96								
49	3.57	0.250	0.38	0.96								
16	7.30	0.250	0.32	0.93	29	965	33	9 414	-162.8	919.3	1989	1996-07 GPP
32	1.00	0.200	0.53	0.95	14	906	34	9 833	-146.9	926.9	1989	1990-11 ABAND 1990
32	4.00	0.200	0.42	0.95	14	905	34	9 875	-190.7	956.5	1989	1991-09 ABAND 1991
32	2.51	0.240	0.41	0.95	14	905	34	9 639	-166.4	939.9	1990	1996-01 ABAND 1995
32	2.43	0.230	0.44	0.95	14	906	34	9 650	-167.4	941.3	1990	1992-02 GPP
32	3.20	0.220	0.48	0.95	14	906	34	10 139	-150.1	865.6	1990	1991-03 GPP
80	4.80	0.250	0.37	0.95	34	891	32	10 361	-153.8	906.5	1991	1995-12 GPP
80	3.84	0.210	0.39	0.95	14	905	34	9 324	-160.3	891.0	1991	1997-12 GPP
60	3.05	0.280	0.28	0.95	14	905	34	7 943	-171.8	956.8	1991	1998-12 GPP
16	8.30	0.240	0.28	0.95	14	905	34	8 275	-168.0	916.5	1991	1996-08 GPP
64	4.59	0.240	0.38	0.95	14	905	34	7 426	-150.4	901.9	1991	1994-12 GPP
16	2.80	0.190	0.45	0.94	34	891	32	10 640	-151.5	882.8	1991	1996-07 ABAND 1998
16	5.30	0.260	0.26	0.95	14	905	34	10 775	-149.6	907.6	1991	1992-04 GPP
57	4.94	0.240	0.27	0.95	18	892	42	10 591	-150.8	882.0	1965	1996-08 GPP
16	6.00	0.220	0.44	0.95	14	906	34	7 677	-177.9	952.1	1990	1996-07 ABAND 1998
92	3.30	0.270	0.42	0.95	17	919	37	9 879	-139.5	931.3	1991	1996-03 GPP
16	7.90	0.250	0.39	0.95	14	905	34	9 795	-137.3	920.6	1992	1992-09 GPP
16	3.80	0.230	0.23	0.93	14	905	34	11 334	-146.4	926.3	1992	1992-12 GPP
53	2.60	0.250	0.45	0.95	17	919	37	9 736	-134.5	926.8	1992	1996-08 GPP
16	2.80	0.240	0.45	0.95	14	906	34	9 673	-154.3	902.6	1992	1996-07 ABAND 1996
32	9.50	0.220	0.27	0.95	14	906	34	8 608	-151.4	899.4	1991	1997-09 GPP
16	2.08	0.190	0.50	0.95	19	891	33	9 881	-144.0	878.0	1984	1993-12 GPP
16	2.90	0.220	0.49	0.96	10	947	34	9 086	-159.7	927.4	1994	1994-09 GPP
64	4.20	0.220	0.37	0.93	34	891	32	8 394	-152.8	919.4	1995	1997-02 GPP
24	4.10	0.230	0.40	0.95	15	906	34	9 319	-155.6	927.4	1995	1996-03 GPP
16	7.50	0.250	0.34	0.95	18	931	33	8 538	-168.8	923.3	1995	1996-12 GPP
8	5.50	0.260	0.43	0.93	25	882	35	11 208	-156.3	905.5	1996	1997-05 ABAND 1997
16	3.00	0.220	0.47	0.95	17	907	37			922.5	1997	1998-05 GPP
770	5.63	0.140	0.27	0.90	49	915	58	11 256	-698.9	1 460.6	1961	1998-09 GPP
65	3.35	0.090	0.20	0.87	48	898	60	11 256	-712.8	1 474.2	1968	1969-01
32	3.00	0.180	0.40	0.85	46	915	70	10 876	-564.6	1 246.8	1980	1985-12
32	9.30	0.100	0.32	0.89	40	922	50	10 974	-569.4	1 237.8	1981	1984-12 ABAND 1985
32	10.78	0.074	0.40	0.88	43	934	51	9 442	-573.1	1 245.8	1980	1984-12 ABAND 1985

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
GUNN 055-03W5								
BANFF A	74.8	<0.02		1.3		1.3	1.3	
FIELD TOTAL *	74.8			1.3		1.3	1.3	
HAIRY HILL 055-14W4								
VIKING K	36.9	<0.01		0.1		0.1	0.1	
COLONY T	60.8	<0.01		0.1		0.1	0.1	
FIELD TOTAL	97.7			0.2		0.2	0.2	
HARD 103-06W6								
PEKISKO B	245.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL *	245.0			0.1		0.1	0.1	
HAYS 013-14W4								
GLAUCONITIC A	47.9	0.15		7.2		7.2	2.8	4.4
GLAUCONITIC B	561.0	<0.01		1.5		1.5	1.5	
GLAUCONITIC C	105.0	0.20		21.0		21.0	1.9	19.1
LOWER MANNVILLE A WATER FLOOD	3 604.0	0.16	0.34	577.0	1 225.0	1 802.0	1 763.3	38.7
LOWER MANNVILLE G	450.0	0.06		27.0		27.0	23.0	4.0
LOWER MANNVILLE I	49.6	0.18		8.9		8.9	7.5	1.4
LOWER MANNVILLE M WATER FLOOD	700.0	0.15	0.25	105.0	175.0	280.0	252.4	27.6
LOWER MANNVILLE O	1 802.0	<0.10		166.5		166.5	166.5	
LOWER MANNVILLE P	146.0	<0.13		18.0		18.0	18.0	
LOWER MANNVILLE Q	272.0	0.12		32.6		32.6	30.5	2.1
LOWER MANNVILLE S	108.0	<0.16		16.7		16.7	16.7	
LOWER MANNVILLE T	112.0	<0.02		1.2		1.2	1.2	
LOWER MANNVILLE U	214.0	<0.02		2.2		2.2	2.2	
LOWER MANNVILLE V	131.0	<0.01		0.8		0.8	0.8	
LOWER MANNVILLE W	89.4	0.22		19.7		19.7	17.6	2.1
LOWER MANNVILLE X	43.7	0.27		11.8		11.8	11.8	
SAWTOOTH A	211.0	0.35		73.9		73.9	68.4	5.5
SAWTOOTH B	1 981.0	0.60		1 189.0		1 189.0	1 039.4	149.6
SAWTOOTH C	1 524.0	0.40		610.0		610.0	578.0	32.0
SAWTOOTH D	876.0	0.20		175.0		175.0	165.6	9.4
SAWTOOTH F	500.0	0.40		200.0		200.0	193.8	6.2
SAWTOOTH G	125.0	0.09		11.3		11.3	8.0	3.3
SAWTOOTH I	136.0	<0.01		0.2		0.2	0.2	
SAWTOOTH K	50.3	<0.02		0.8		0.8	0.8	
SAWTOOTH M	60.5	<0.01		0.1		0.1	0.1	
SAWTOOTH N	48.1	0.30		14.4		14.4	5.7	8.7
SAWTOOTH O	109.0	<0.01		0.5		0.5	0.5	
SAWTOOTH P	184.0	0.25		46.0		46.0	12.7	33.3
SAWTOOTH Q	94.1	0.07		6.6		6.6	0.6	6.0
LIVINGSTONE A	325.0	0.01		3.3		3.3	0.9	2.4
ARCS D	17.0	<0.01		0.1		0.1	0.1	
ARCS F	384.0	0.10		38.4		38.4	25.7	12.7
ARCS L	413.0	<0.01		1.2		1.2	1.2	
ARCS N	217.0	0.05		10.9		10.9	1.4	9.5
ARCS O	56.7	<0.05		2.8		2.8	2.8	
ARCS P	199.0	0.05		10.0		10.0	3.4	6.6
ARCS B & H	308.0	0.30		92.4		92.4	65.1	27.3
ARCS A, C & E	2 522.0	0.10		252.0		252.0	173.6	78.4
ARCS W & X	119.0	0.05		6.0		6.0	1.6	4.4
ARCS M & V	509.0	0.10		50.9		50.9	27.9	23.0
FIELD TOTAL *	19 404.3			3 812.9	1 400.0	5 212.9	4 695.2	517.7
HAYTER 041-01W4								
COLONY A	111.0	<0.01		0.1		0.1	0.1	
COLONY B	282.0	0.07		19.7		19.7	15.8	3.9
COLONY C	43.9	<0.14		6.1		6.1	6.1	
MCLAREN A	122.0	<0.01		0.1		0.1	0.1	
MCLAREN C	97.7	0.10		9.8		9.8	2.5	7.3
SPARKY A TOTAL	3 986.0			298.0	132.0	430.0	404.1	25.9
PRIMARY AREA	906.0	0.09		81.5		81.5		
WATER FLOOD AREA	3 080.0	0.07	0.04	216.0	132.0	348.0		
SPARKY B	262.0	0.04		10.5		10.5	8.6	1.9
SPARKY C	162.0	<0.02		1.8		1.8	1.8	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	3.50	0.100	0.25	0.89	46	933	43	10 285	-603.4	350.0	1978	1993-10 ABAND 1993
32	1.60	0.160	0.50	0.90	41	904	22	4 591	137.6	486.0	1976	1985-07
16	2.00	0.300	0.36	0.99	10	952	20	3 746	92.4	541.0	1982	1983-02
16	13.10	0.160	0.23	0.95	50	915	27	3 051	28.0	630.7	1980	1992-11 ABAND 1990
16	2.00	0.210	0.25	0.95	22	960	26	8 267	-157.1	932.5	1993-01	GPP
32	9.73	0.260	0.23	0.90	42	953	30	10 612	-164.1	957.3	1994-03	GPP
16	3.00	0.280	0.19	0.96	18	886	34	9 468	-157.4	956.5	1994	1994-11 GPP
386	4.94	0.280	0.25	0.90	38	865	31	10 456	-166.0	951.2	1964	1992-12 GPP
96	3.41	0.220	0.29	0.88	21	887	30	11 005	-164.5	963.2	1978	1997-02 GPP
32	1.00	0.220	0.20	0.88	37	865	28	12 313	-158.0	946.0	1980	1997-12 GPP
127	3.16	0.229	0.19	0.94	37	873	31	11 839	-167.1	955.6	1984	1991-04 GPP
128	7.64	0.260	0.23	0.92	35	890	31	11 886	-173.6	945.5	1983	1998-12 GPP
16	4.80	0.280	0.26	0.92	35	860	31	11 956	-181.6	946.2	1987	1996-07 GPP
32	3.80	0.280	0.15	0.94	37	873	31	10 781	-160.0	949.4	1986	1996-08 GPP
32	2.35	0.220	0.29	0.92	35	863	31	10 693	-180.4	944.6	1989	1996-07 GPP
16	6.50	0.220	0.47	0.92	35	863	31	10 968	-222.3	968.3	1989	1996-07 GPP
32	5.70	0.220	0.42	0.92	35	863	31	11 039	-204.7	955.1	1985	1994-07 ABAND 1993
16	5.30	0.240	0.30	0.92	35	863	31	11 927	-178.7	959.4	1990	1996-07 GPP
32	2.50	0.170	0.27	0.90	38	865	31	10 800	-162.3	953.5	1989	1997-12 GPP
16	1.22	0.280	0.15	0.94	37	873	31	10 687	-157.1	943.5	1965	1993-10 ABAND 1994
97	2.00	0.220	0.48	0.95	20	876	30	10 815	-167.9	973.2	1985	1997-12 GPP
540	2.86	0.250	0.43	0.90	40	904	38	11 019	-174.2	974.6	1967	1997-12 GPP
390	2.68	0.270	0.40	0.90	21	898	38	10 898	-174.6	958.2	1967	1992-12 GPP
160	3.68	0.260	0.35	0.88	60	887	32	11 007	-177.5	952.9	1969	1988-12 GPP
143	2.04	0.270	0.31	0.92	37	893	58	10 782	-172.2	951.9	1983	1991-12 GPP
32	2.00	0.290	0.25	0.90	37	894	34	10 736	-177.3	972.0	1987	1998-12 GPP
64	2.80	0.250	0.65	0.87	53	876	28	11 017	-183.2	936.6	1988	1992-06 ABAND 1991
16	1.90	0.260	0.33	0.95	18	860	33	9 722	-180.1	981.0	1988	1996-07 GPP
32	1.70	0.260	0.55	0.95	18	931	33	10 432	-177.0	957.3	1990	1995-07 ABAND 1995
16	2.40	0.240	0.42	0.90	37	893	30	8 565	-172.1	975.2	1993	1993-07 GPP
16	5.50	0.230	0.42	0.93	29	964	33	9 716	-179.9	979.8	1994	1996-07 GPP
32	3.50	0.270	0.36	0.95	15	906	34	9 703	-173.3	969.3	1994	1995-05 GPP
16	3.10	0.270	0.26	0.95	15	906	34	10 767	-170.5	964.4	1994	1996-08 GPP
16	14.80	0.180	0.17	0.92	98	946	30			966.8	1996	1998-12
16	2.70	0.073	0.38	0.87	52	862	35	12 566	-583.2	1 360.4	1987	1991-12 ABAND 1994
110	3.80	0.140	0.27	0.90	40	898	36	11 933	-555.2	1 349.0	1987	1997-09 GPP
64	7.40	0.110	0.11	0.89	49	883	35	12 725	-545.5	1 347.7	1989	1992-03 ABAND 1991
64	4.00	0.130	0.25	0.87	52	862	35	12 881	-538.7	1 331.3	1989	1990-06 GPP
16	4.20	0.120	0.21	0.89	49	883	35	12 945	-538.7	1 330.5	1989	1996-07 GPP
64	3.40	0.138	0.19	0.82	74	895	33	12 572	-553.2	1 352.7	1985	1989-12 GPP
32	11.13	0.120	0.19	0.89	49	849	35	12 217	-546.1	1 323.3	1987	1997-12 GPP
273	11.36	0.120	0.23	0.88	43	868	46	12 660	-548.0	1 333.2	1987	1995-12 GPP
16	6.80	0.160	0.23	0.89	49	883	35	12 558	-542.5	1 325.6	1987	1997-07 GPP
43	10.43	0.150	0.15	0.89	49	883	35	12 624	-556.8	1 340.4	1989	1997-08 GPP
16	5.20	0.250	0.45	0.97	14	951	26	4 528	14.3	618.0	1980	1980-10 ABAND 1987
64	2.82	0.260	0.38	0.97	11	972	28	4 932	-4.7	682.7	1983	1993-12 GPP
16	2.00	0.280	0.50	0.98	8	950	24	4 567	-1.7	651.0	1982	1996-07 GPP
16	4.50	0.260	0.32	0.96	13	985	31	4 954	-7.1	685.7	1989	1992-10
16	2.70	0.310	0.24	0.96	13	985	31	5 089	-7.7	680.4	1992	1994-04 GPP
1 321					13	910	29	5 342	-37.8	792.6	1968	1997-09
241	2.13	0.280	0.35	0.97								GPP
1 080	1.37	0.290	0.26	0.97								GPP
65	2.13	0.280	0.30	0.97	15	915	27	5 882	-39.9	739.4	1971	1993-11 GPP
64	1.54	0.260	0.35	0.97	12	921	37	5 335	-37.0	776.0	1971	1996-03 ABAND 1995

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL			
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	
HAYTER 041-01W4 (CONTINUED)									
SPARKY G	63.0	<0.07		3.9		3.9	3.9	*	
SPARKY H	36.2	<0.01		0.2		0.2	0.2		
SPARKY I	89.3	<0.02		1.2		1.2	1.2		
SPARKY K	34.6	0.04		1.4		1.4	1.4		
SPARKY L	115.0	0.10		11.5		11.5	8.5	3.0	
SPARKY M	99.1	<0.03		2.7		2.7	2.7		
SPARKY N	115.0	<0.01		0.2		0.2	0.2		
SPARKY O	62.5	<0.01		0.2		0.2	0.2		
SPARKY P	38.4	<0.02		0.5		0.5	0.5		
SPARKY R	29.4	0.01		0.3		0.3	0.3		
SPARKY S	74.6	<0.02		0.9		0.9	0.9		
SPARKY T	102.0	0.10		10.2		10.2	7.2	3.0	
SPARKY V	82.6	0.10		8.3		8.3	1.6	6.7	
SPARKY W	184.0	0.05		9.2		9.2	8.3	0.9	
SPARKY X	27.4	<0.03		0.8		0.8	0.8		
SPARKY Y	20.9	<0.01		0.1		0.1	0.1		
SPARKY Z	201.0	0.20		40.2		40.2	15.4	24.8	
SPARKY AA	42.9	0.10		4.3		4.3	0.2	4.1	
SPARKY D & E	1 095.0	0.15		164.0		164.0	143.4	20.6	
GENERAL PETROLEUM A	218.0	0.05		10.9		10.9	10.1	0.8	
GENERAL PETROLEUM B	101.0	0.10		10.1		10.1	0.8	9.3	
CUMMINGS A	416.0	0.15		62.4		62.4	12.9	49.5	
CUMMINGS B	295.0	0.10		29.5		29.5	29.1	0.4	
CUMMINGS D	75.8	<0.01		0.7		0.7	0.7		
CUMMINGS E	110.0	<0.02		1.3		1.3	1.3		
CUMMINGS F	33.7	0.10		3.4		3.4	3.0	0.4	
CUMMINGS G	105.0	0.10		10.5		10.5	3.3	7.2	
CUMMINGS H	90.6	0.10		9.1		9.1	2.7	6.4	
CUMMINGS I	271.0	0.10		27.1		27.1	8.3	18.8	
CUMMINGS J	65.4	0.10		6.5		6.5	2.9	3.6	
CUMMINGS K	106.0	0.05		5.3		5.3	1.2	4.1	
DINA A TOTAL	12 280.0			1 601.0	2 939.0	4 540.0	3 988.9	551.1	
PRIMARY AREA	4 937.0	0.25		1 234.0		1 234.0			
WATER FLOOD AREA	7 347.0	0.05	0.40	367.0	2 939.0	3 306.0			
DINA B	44 910.0	0.12		5 389.0		5 389.0	4 010.2	1 378.8	
DINA D	838.0	0.04		33.5		33.5	29.8	3.7	
DINA H	1 007.0	0.07		70.5		70.5	50.6	19.9	
DINA I	4 727.0	0.22		1 040.0		1 040.0	802.0	238.0	
DINA L	158.0	<0.01		0.2		0.2	0.2		
DINA N	218.0	0.02		4.4		4.4	0.1	4.3	
DINA O	252.0	0.10		25.2		25.2	25.0	0.2	
DINA P	134.0	<0.01		0.5		0.5	0.5		
DINA Q	6 930.0	0.06		416.0		416.0	372.1	43.9	
DINA R	39.9	<0.01		0.3		0.3	0.3		
DINA T	35.2	<0.01		0.1		0.1	0.1		
DINA U	197.0	0.05		9.9		9.9	0.6	9.3	
FIELD TOTAL	81 193.1			9 373.6	3 071.0	12 444.6	9 992.8	2 451.8	
HEATHDALE 026-09W4									
GLAUCONITIC B	27.7	<0.08		2.2		2.2	2.2		
GLAUC J & LOWER	90.0	0.10	0.15	9.0	13.5	22.5	11.9	10.6	
MANNVILLE I GAS FLD									
LOWER MANNVILLE B	66.2	0.03		2.0		2.0	1.5	0.5	
LOWER MANNVILLE H	103.0	<0.03		2.3		2.3	2.3		
DETRITAL A	248.0	<0.01		0.1		0.1	0.1		
DETRITAL C	185.0	0.05		9.3		9.3	0.5	8.8	
DETRITAL D	89.4	0.10		8.9		8.9	0.7	8.2	
DETRITAL F	101.0	0.10		10.1		10.1	0.9	9.2	
DETRITAL H	71.9	0.10		7.2		7.2	0.1	7.1	
DETRITAL I	101.0	0.10		10.1		10.1	0.6	9.5	
FIELD TOTAL	1 083.2			61.2	13.5	74.7	20.8	53.9	
HECTOR 016-17W4									
UPPER MANNVILLE B	103.0	<0.03		2.6		2.6	2.6		
UPPER MANNVILLE D	141.0	<0.03		4.0		4.0	4.0		
LOWER MANNVILLE C	150.0	0.05		7.5		7.5	0.6	6.9	
FIELD TOTAL	394.0			14.1		14.1	7.2	6.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	2.50	0.280	0.42	0.97	12	919	32	5 250	-33.9	687.0	1979	1996-07 GPP
16	1.60	0.270	0.46	0.97	19	920	23	5 267	-42.7	717.6	1979	1988-12 ABAND 1981
32	2.14	0.240	0.44	0.97	12	925	32	5 276	-36.4	709.9	1980	1988-12 ABAND 1995
16	2.00	0.250	0.55	0.96	18	934	26	5 255	-34.0	762.3	1980	1995-04 ABAND 1995
45	1.24	0.290	0.27	0.97	11	911	31	5 303	-33.5	735.0	1981	1989-11 GPP
16	3.50	0.240	0.24	0.97	11	939	28	5 143	-42.1	732.6	1979	1996-07
32	2.40	0.280	0.45	0.97	12	920	27	5 586	-40.8	737.0	1972	1988-12 ABAND 1991
16	2.30	0.250	0.30	0.97	12	920	26	5 570	-36.8	736.6	1983	1983-11 ABAND 1990
16	1.50	0.300	0.45	0.97	11	925	28	5 171	-44.7	718.8	1983	1988-12 ABAND 1992
16	1.50	0.230	0.45	0.97	11	920	26	5 876	-37.0	771.1	1983	1988-12 ABAND 1992
32	1.68	0.270	0.47	0.97	10	920	27	5 356	-39.5	785.4	1985	1991-10 ABAND 1991
32	1.80	0.290	0.37	0.97	13	893	27	5 690	-48.5	713.9	1988	1996-06 GPP
32	1.30	0.310	0.34	0.97	10	913	28	5 656	-44.8	722.5	1989	1990-03 GPP
64	1.80	0.270	0.39	0.97	13	892	27	5 300	-50.9	718.0	1989	1990-03 GPP
16	0.90	0.280	0.30	0.97	10	889	28	5 159	-46.0	730.6	1992	1996-07 ABAND 1998
16	1.00	0.240	0.44	0.97	10	914	28	5 099	-29.1	669.7	1993	1996-07 GPP
59	1.46	0.300	0.20	0.97	10	914	28	5 414	-45.9	790.5	1996	1998-09
16	2.80	0.210	0.53	0.97	10	914	28		-40.2	784.5	1997	1998-10 GPP
355	1.87	0.270	0.37	0.97	16	930	25	5 247	-40.5	741.2	1972	1998-12 GPP
85	1.24	0.300	0.29	0.97	13	892	27	5 487	-49.5	721.9	1989	1998-12 GPP
16	3.00	0.300	0.28	0.97	12	974	29	5 465	-47.1	743.5	1982	1992-03 GPP
44	4.10	0.290	0.18	0.97	10	911	33	4 808	-75.1	758.7	1981	1998-12 GPP
109	1.81	0.240	0.35	0.96	17	904	29	5 435	-76.6	732.3	1981	1989-12 GPP
16	2.70	0.260	0.29	0.95	11	905	28	5 460	-79.6	828.7	1989	1996-07
8	6.54	0.280	0.21	0.95	19	935	28	4 977	-90.6	737.9	1993	1996-07 GPP
4	4.80	0.280	0.34	0.95	19	935	28	5 462	-79.3	714.3	1993	1994-02 GPP
8	5.40	0.320	0.20	0.95	19	935	28	5 127	-75.8	698.3	1995	1996-01 GPP
8	5.30	0.300	0.25	0.95	19	935	28	5 127	-77.7	764.0	1995	1996-01 GPP
16	7.00	0.300	0.15	0.95	19	935	28	5 127	-76.5	725.2	1995	1996-01 GPP
8	3.40	0.310	0.20	0.97	9	935	28		-103.4	800.5	1996	1997-06 GPP
8	5.90	0.310	0.25	0.97	9	935	28		-101.3	784.1	1996	1997-06 GPP
707					13	921	24	5 270	-78.4	797.6	1954	1997-12 GPP
308	6.80	0.300	0.19	0.97								
399	8.01	0.300	0.21	0.97								
1 776	10.83	0.290	0.17	0.97	20	965	28	5 633	-99.7	796.8	1969	1998-12 GPP
104	3.74	0.300	0.26	0.97	9	938	34	5 216	-78.1	706.3	1979	1998-12 GPP
64	8.40	0.280	0.31	0.97	11	970	30	5 648	-79.8	767.5	1979	1998-12 GPP
225	7.94	0.310	0.12	0.97	11	960	27	5 435	-93.9	766.9	1984	1997-12 GPP
16	6.00	0.280	0.37	0.93	15	989	29	5 065	-95.5	858.3	1985	1986-03 ABAND 1986
16	6.00	0.320	0.27	0.97	9	935	28	5 282	-89.3	781.0	1987	1997-12 GPP
16	8.79	0.280	0.34	0.97	9	935	28	5 426	-75.4	726.1	1987	1989-12 GPP
16	4.00	0.260	0.18	0.98	9	935	28	5 099	-104.7	752.5	1988	1996-07 GPP
337	8.50	0.290	0.14	0.97	9	935	28	5 353	-93.9	779.3	1978	1994-12 GPP
4	5.20	0.260	0.24	0.97	9	935	28	5 602	-96.2	775.4	1989	1989-08 ABAND 1991
4	4.50	0.280	0.28	0.97	9	935	28	5 335	-91.9	761.8	1991	1992-06 ABAND 1992
16	5.30	0.300	0.20	0.97	9	935	28		-88.0	777.0	1997	1997-12 GPP
16	1.00	0.280	0.35	0.95	18	949	34	9 597	-213.2	1 028.0	1982	1995-03 ABAND 1994
16	2.80	0.270	0.20	0.93	36	935	38		-228.6	1 004.8	1994	1997-06 GPP
16	3.30	0.260	0.47	0.91	36	939	35	8 568	-220.1	1 004.3	1987	1998-11 GPP
16	4.15	0.250	0.32	0.91	36	939	35	8 287	-199.7	1 059.5	1954	1996-12 ABAND 1962
16	10.00	0.250	0.32	0.91	36	940	35	8 646	-228.2	1 012.3	1988	1989-05 ABAND 1989
16	9.20	0.260	0.47	0.91	36	940	35	8 583	-229.0	1 010.3	1994	1996-07
16	3.50	0.270	0.35	0.91	36	908	35		-236.6	1 046.8	1997	1997-08 GPP
32	2.50	0.240	0.42	0.91	36	940	35		-215.9	1 055.0	1997	1997-11 GPP
16	2.50	0.260	0.24	0.91	36	941	35			1 018.3	1997	1998-04 GPP
16	4.00	0.280	0.38	0.91	36	924	35			1 034.0	1997	1998-04 GPP
16	9.16	0.150	0.47	0.88	52	913	33	12 176	-292.6	1 079.1	1982	1996-07
64	2.10	0.190	0.38	0.89	53	890	30	11 715	-306.9	1 078.8	1988	1998-12 GPP
32	5.00	0.190	0.42	0.85	67	875	32	11 372	-324.4	1 100.9	1996	1996-11 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
HORSEFLY LAKE								
008-16W4								
MANNVILLE TOTAL	9 671.0			875.0	1 471.0	2 346.0	1 879.3	466.7
PRIMARY AREA	1 733.0	0.10		173.0		173.0		
WATER FLOOD AREA	7 938.0	<0.09	0.18	702.0	1 471.0	2 173.0		
MANNVILLE B	275.0	0.10		27.5		27.5	21.6	5.9
MANNVILLE C	13.6	<0.03		0.3		0.3	0.3	
MANNVILLE E	295.0	0.15		44.3		44.3	37.2	7.1
MANNVILLE F	41.1	0.20		8.2		8.2	2.3	5.9
FIELD TOTAL	10 295.7			955.3	1 471.0	2 426.3	1 940.7	485.6
ISLAY 050-04W4								
SPARKY C	87.7	0.10		8.8		8.8	3.3	5.5
CUMMINGS A	113.0	<0.01		0.1		0.1		0.1
FIELD TOTAL	200.7			8.9		8.9	3.3	5.6
JENNER 020-09W4								
UPPER MANNVILLE E	5 380.0			555.0	755.0	1 310.0	1 081.9	228.1
TOTAL								
PRIMARY AREA	348.0	0.15		52.2		52.2		
WATER FLOOD AREA	5 032.0	0.10	0.15	503.0	755.0	1 258.0		
UPPER MANNVILLE F	6 025.0	0.12		723.0		723.0	536.6	186.4
UPPER MANNVILLE M	1 768.0	0.15		265.0		265.0	122.8	142.2
UPPER MANNVILLE D	7 970.0			829.0	1 101.0	1 930.0	1 629.6	300.4
TOTAL								
PRIMARY AREA	633.0	0.15		95.0		95.0		
WATER FLOOD AREA	7 337.0	0.10	0.15	734.0	1 101.0	1 835.0		
UPPER MANNVILLE V	267.0	0.05		13.4		13.4	7.1	6.3
UPPER MANNVILLE X	1 772.0	0.10		177.0		177.0	48.3	128.7
UPPER MANNVILLE Z	125.0	<0.01		0.9		0.9	0.9	
UPPER MANNVILLE DD	263.0	0.15		39.5		39.5	34.2	5.3
UPPER MANNVILLE HH	320.0	0.10		32.0		32.0	14.7	17.3
UPPER MANNVILLE LL	781.0	<0.21		156.5		156.5	156.5	
UPPER MANNVILLE MM	1 638.0	0.20		328.0		328.0	176.3	151.7
UPPER MANNVILLE NN	42.2	<0.02		0.5		0.5	0.5	
UPPER MANNVILLE OO	4 197.0	0.10		420.0		420.0	395.9	24.1
UPPER MANNVILLE QO	284.0	<0.01		2.8		2.8	2.8	
UPPER MANNVILLE WW	47.4	0.15		7.1		7.1	5.7	1.4
UPPER MANNVILLE XX	202.0	0.15		30.3		30.3	8.3	22.0
UPPER MANNVILLE YY	167.0	<0.02		3.1		3.1	3.1	
UPPER MANNVILLE DDD	364.0	0.30		109.0		109.0	95.8	13.2
UPPER MANNVILLE JJJ	777.0	0.35		272.0		272.0	101.9	170.1
UPPER MANNVILLE MMM	858.0	0.20		172.0		172.0	35.2	136.8
UPPER MANNVILLE OOO	156.0	0.10		15.6		15.6	9.5	6.1
UPPER MANNVILLE PPP	179.0	0.15		26.9		26.9	21.1	5.8
UPPER MANNVILLE QOO	666.0	0.25		167.0		167.0	70.8	96.2
UPPER MANNVILLE SSS	14.0	0.10		1.4		1.4	0.4	1.0
UPPER MANNVILLE TTT	215.0	0.10		21.5		21.5	6.8	14.7
UPPER MANNVILLE VVV	579.0	0.30		174.0		174.0	124.6	49.4
UPPER MANNVILLE YYY	31.8	0.10		3.2		3.2	0.1	3.1
UPPER MANNVILLE ZZZ	110.0	0.01		1.1		1.1	0.2	0.9
UPPER MANNVILLE A2A	971.0	0.20		194.0		194.0	12.0	182.0
UPPER MANNVILLE E2E	1 089.0	0.25		272.0		272.0	83.4	188.6
LOWER MANNVILLE A	256.0	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE C	60.3	0.02		1.2		1.2	1.2	
LOWER MANNVILLE E	73.2	0.10		7.3		7.3	5.1	2.2
PEKISKO A	94.8	<0.07		6.1		6.1	6.1	
PEKISKO B	134.0	<0.01		0.3		0.3	0.3	
PEKISKO C	52.7	<0.03		1.1		1.1	1.1	
PEKISKO D	124.0	<0.01		0.2		0.2	0.2	
PEKISKO E	50.7	<0.01		0.1		0.1	0.1	
PEKISKO F	174.0	<0.02		3.0		3.0	3.0	
PEKISKO G	234.0	0.11		25.7		25.7	20.1	5.6
PEKISKO H	47.1	<0.03		1.4		1.4	1.4	
PEKISKO I	149.0	<0.03		3.5		3.5	3.5	
PEKISKO J	82.2	<0.03		1.7		1.7	1.7	
PEKISKO K	38.1	<0.01		0.1		0.1	0.1	
PEKISKO L	32.8	0.40		13.1		13.1	8.4	4.7
PEKISKO M	196.0	<0.01		0.7		0.7	0.7	
FIELD TOTAL	39 057.3			5 079.0	1 856.0	6 935.0	4 840.7	2 094.3

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
2 015					16	887	33	10 097	-98.0	967.0	1963	1998-07
496	3.51	0.180	0.43	0.97								
1 519	5.20	0.185	0.44	0.97								
131	1.80	0.190	0.36	0.96	23	900	40	10 085	-96.6	956.9	1980	1996-02 GPP
16	1.50	0.090	0.35	0.97	29	950	34	11 989	-105.9	950.3	1981	1993-07 ABAND 1983
50	6.90	0.170	0.47	0.95	15	945	36	10 004	-106.0	985.5	1992	1997-11 GPP
8	5.00	0.170	0.37	0.96	79	945	33	10 068	-95.0	969.1	1995	1995-12 GPP
16	2.20	0.330	0.23	0.98	8	981	22			556.1	1997	1998-04 GPP
16	3.50	0.300	0.30	0.96	17	978	26	6 662	-20.0	701.3	1980	1982-03 ABAND 1983
1 344					37	927	33	10 797	-205.9	978.8	1963	1994-11
143	1.93	0.230	0.41	0.93								
1 201	2.09	0.297	0.25	0.90								
422	8.07	0.270	0.28	0.91	29	952	33	10 358	-179.9	935.0	1965	1998-12 GPP
128	9.20	0.250	0.34	0.91	35	946	31	11 641	-334.7	1 086.6	1971	1996-10 GPP
670					37	952	33	10 500	-182.8	954.3	1952	1997-12 GPP
35	10.12	0.270	0.28	0.92								
635	6.90	0.260	0.30	0.92								
16	9.90	0.240	0.26	0.95	37	960	35	10 354	-199.2	937.7	1973	1997-09 GPP
241	5.20	0.240	0.38	0.95	38	941	24	10 267	-193.7	918.4	1984	1998-12 GPP
22	3.38	0.280	0.34	0.91	29	959	32	10 306	-187.0	961.9	1954	1997-01 GPP
32	5.06	0.270	0.34	0.91	29	952	33	10 371	-179.8	937.7	1965	1996-12 GPP
32	8.15	0.230	0.42	0.92	34	945	32	9 355	-190.6	954.7	1988	1996-05 GPP
80	6.70	0.240	0.34	0.92	34	945	32	9 233	-195.9	944.2	1990	1998-12 GPP
258	3.20	0.280	0.23	0.92	34	945	32	10 505	-265.0	1 006.8	1989	1998-12 GPP
16	1.50	0.300	0.37	0.93	29	955	32	9 997	-188.4	925.8	1989	1998-12 ABAND 1991
323	6.60	0.290	0.27	0.93	29	955	31	10 969	-332.0	1 123.5	1994	1996-05 GPP
32	6.21	0.240	0.36	0.93	29	955	32	9 289	-192.0	940.8	1990	1994-09 ABAND 1994
16	2.30	0.230	0.41	0.95	29	955	23	9 823	-189.5	950.9	1990	1995-12 GPP
16	7.60	0.270	0.33	0.92	34	922	32	10 521	-183.3	935.0	1991	1991-07 GPP
16	5.50	0.290	0.29	0.92	34	945	32	10 245	-180.1	970.0	1991	1998-12 GPP
64	3.07	0.280	0.28	0.92	37	954	33	10 363	-178.9	952.5	1990	1995-12 GPP
124	3.64	0.240	0.22	0.92	34	945	32	10 551	-204.8	960.1	1988	1997-08 GPP
108	5.00	0.240	0.28	0.92	34	945	32	9 292	-192.3	829.3	1994	1998-01 GPP
32	2.66	0.260	0.24	0.93	43	920	33	10 578	-202.4	974.4	1995	1996-05 GPP
16	7.40	0.270	0.39	0.92	34	945	32	10 268	-193.5	945.4	1995	1996-01 GPP
64	5.30	0.270	0.21	0.92	34	945	32	11 167	-320.3	1 073.3	1989	1997-11 GPP
16	0.70	0.270	0.49	0.91	34	952	36	9 974	-188.0	937.2	1989	1996-07 GPP
16	7.80	0.280	0.33	0.92	34	945	32	10 385	-195.8	827.1	1996	1996-11 GPP
89	4.51	0.260	0.39	0.91	34	945	32	10 702	-231.5	972.2	1993	1997-01 GPP
32	0.80	0.270	0.50	0.92	34	945	35		-192.7	928.6	1995	1997-03 GPP
16	4.40	0.290	0.42	0.93	37	960	32		-222.4	985.2	1993	1998-12
114	4.90	0.270	0.30	0.92	34	945	32		-186.1	948.0	1996	1997-05 GPP
102	5.10	0.300	0.25	0.93	34	974	30	7 821	-182.1	921.8	1996	1998-11 GPP
32	4.57	0.240	0.20	0.91	29	940	32	10 835	-222.2	979.0	1964	1967-05 GPP
16	3.00	0.230	0.40	0.91	42	944	32	10 658	-213.0	989.2	1981	1988-12 ABAND 1984
16	3.50	0.200	0.29	0.92	39	904	28			973.5	1996	1998-12 GPP
64	3.29	0.100	0.50	0.90	81	946	33	10 983	-228.0	996.2	1963	1973-02 ABAND 1972
8	23.77	0.112	0.30	0.90	81	946	41	10 592	-219.6	1 023.2	1966	1992-11 ABAND 1969
16	6.10	0.120	0.50	0.90	81	946	34	10 578	-222.8	989.7	1966	1996-07 ABAND 1997
16	4.27	0.300	0.35	0.93	29	972	32	10 803	-218.4	991.1	1971	1992-11 ABAND 1977
32	5.50	0.080	0.60	0.90	41	943	33	10 791	-222.2	987.3	1980	1982-12 ABAND 1993
32	10.80	0.100	0.43	0.88	50	950	27	10 906	-236.6	971.8	1986	1992-10 ABAND 1992
32	14.40	0.090	0.42	0.97	8	941	39	10 934	-236.7	981.0	1991	1996-08 GPP
16	2.00	0.230	0.34	0.97	10	928	31	10 479	-241.8	981.0	1991	1992-10 ABAND 1992
16	12.90	0.110	0.31	0.95	20	936	32	11 212	-234.6	981.3	1987	1998-12 GPP
32	5.88	0.100	0.54	0.95	19	935	33	10 741	-247.5	985.6	1991	1992-11 ABAND 1992
16	5.70	0.110	0.60	0.95	21	929	30	10 574	-243.0	989.8	1991	1992-12 ABAND 1992
16	6.85	0.070	0.55	0.95	19	893	32	10 672	-234.2	984.0	1991	1997-12 GPP
16	9.30	0.240	0.34	0.83	80	948	31	10 829	-232.3	980.7	1990	1996-07 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
JOHNSON 016-14W4								
GLAUCONITIC B TOTAL	2 779.0			556.0	731.0	1 287.0	1 021.4	265.6
PRIMARY AREA	69.9	0.20		14.0		14.0		
WATER FLOOD AREA	2 709.0	0.20	0.27	542.0	731.0	1 273.0		
GLAUCONITIC C	943.0	0.15	0.20	141.0	189.0	330.0	240.0	90.0
WATER FLOOD								
GLAUCONITIC E	180.0	0.20	0.32	36.0	57.6	93.6	74.3	19.3
WATER FLOOD								
GLAUCONITIC G	32.0	0.15		4.8		4.8	4.6	0.2
GLAUCONITIC H	1 460.0	0.15	0.32	219.0	467.0	686.0	484.2	201.8
WATER FLOOD								
GLAUCONITIC I	340.0	0.15	0.20	51.0	68.0	119.0	104.7	14.3
WATER FLOOD								
GLAUCONITIC J	266.0	0.20	0.24	53.2	63.8	117.0	102.6	14.4
WATER FLOOD								
FIELD TOTAL *	6 000.0			1 061.0	1 576.4	2 637.4	2 031.8	605.6
KEHD 011-22W4								
BANFF A	46.8	<0.02		0.8		0.8	0.8	
FIELD TOTAL *	46.8			0.8		0.8	0.8	
KILLAM 043-10W4								
COLONY F	140.0	<0.03		3.9		3.9	3.9	
LOWER MANNVILLE A	58.1	<0.02		0.7		0.7	0.7	
ELLERSLIE CC	268.0	0.09		24.1		24.1	23.1	1.0
ELLERSLIE UU	391.0	0.10		39.1		39.1	5.3	33.8
FIELD TOTAL *	857.1			67.8		67.8	33.0	34.8
KILLAM NORTH 044-13W4								
UPPER MANNVILLE PP	72.6	0.10		7.3		7.3	0.6	6.7
FIELD TOTAL	72.6			7.3		7.3	0.6	6.7
KIRK WALL 027-05W4								
COLONY A	110.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	110.0			0.1		0.1	0.1	
LANFINE 025-05W4								
BANFF A	12.2	<0.02		0.2		0.2	0.2	
FIELD TOTAL	12.2			0.2		0.2	0.2	
LATHOM 020-17W4								
UPPER MANNVILLE A	4 516.0			693.0	1 766.0	2 459.0	2 350.9	108.1
TOTAL								
PRIMARY AREA	312.0	0.20		62.4		62.4		
WATER FLOOD AREA	4 204.0	0.15	0.42	631.0	1 766.0	2 397.0		
UPPER MANNVILLE C	1 105.0	0.11	0.34	122.0	376.0	498.0	426.1	71.9
WATER FLOOD								
UPPER MANNVILLE E	87.8	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE G	57.4	<0.03		1.4		1.4	1.4	
UPPER MANNVILLE H	46.9	<0.01		0.1		0.1		0.1
UPPER MANNVILLE I	185.0	0.05		9.3		9.3	8.3	1.0
UPPER MANNVILLE J	60.1	<0.02		1.1		1.1	1.1	
UPPER MANNVILLE L	54.3	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE M	361.0	0.10		36.1		36.1	29.2	6.9
UPPER MANNVILLE N	172.0	0.13	0.03	22.3	5.2	27.5	25.1	2.4
WATER FLOOD								
UPPER MANNVILLE O	46.5	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE A	266.0	<0.07		16.9		16.9	16.9	
LOWER MANNVILLE B	71.5	<0.02		0.9		0.9	0.9	
LOWER MANNVILLE C	127.0	<0.01		0.9		0.9	0.9	
LOWER MANNVILLE D	39.9	<0.06		2.3		2.3	2.3	
FIELD TOTAL *	7 196.4			907.0	2 147.2	3 054.2	2 863.8	190.4
LEAMAN 057-09W5								
PEKISKO A	97.8	<0.06		5.6		5.6	5.6	
PEKISKO B	33.2	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
347					50	891	30	10 953	-254.7	1 030.1	1982	1997-04
20	2.58	0.220	0.30	0.88								
327	4.65	0.250	0.19	0.88								GPP
120	4.77	0.234	0.20	0.88	50	888	31	11 149	-249.6	1 021.5	1983	1998-12 GPP
64	2.24	0.210	0.32	0.88	53	893	31	10 830	-256.7	1 035.3	1983	1998-12 GPP
16	1.71	0.190	0.30	0.88	56	879	32	9 736	-251.4	1 025.1	1991	1993-12 GPP
98	8.05	0.260	0.20	0.89	53	882	30	11 123	-251.9	1 020.3	1992	1998-12 GPP
27	6.64	0.260	0.18	0.89	53	877	30	10 962	-250.5	1 024.3	1992	1994-12 GPP
25	6.47	0.240	0.23	0.89	53	877	30	10 634	-251.6	1 025.7	1993	1998-12 GPP
16	7.20	0.055	0.23	0.96	10	964	51	21 124	-745.7	1 720.3	1980	1981-06 ABAND 1984
16	4.20	0.330	0.24	0.83	209	908	26	5 330	-21.0	702.1	1979	1994-11 ABAND 1993
16	1.93	0.260	0.23	0.94	24	954	36	6 567	-162.2	873.0	1978	1985-12 ABAND 1981
64	2.50	0.240	0.25	0.93	21	908	34	6 503	-249.2	953.5	1984	1998-09 GPP
107	1.70	0.260	0.13	0.95	16	908	34	5 693	-248.3	950.8	1997	1998-05
64	0.60	0.300	0.30	0.90	35	916	34	6 150	-180.1	859.6	1978	1995-11 GPP
16	7.00	0.220	0.54	0.97	9	956	35	7 618	-86.9	888.2	1980	1983-05 ABAND 1986
8	6.00	0.050	0.42	0.88	37	982	38	9 559	-203.1	957.8	1987	1991-12 ABAND 1992
490					66	876	35	10 401	-374.1	1 169.0	1968	1994-12 GPP
64	3.26	0.220	0.20	0.85								
426	6.31	0.230	0.20	0.85								
191	5.04	0.200	0.34	0.87	62	887	45	10 786	-356.1	1 138.0	1970	1996-01 GPP
65	1.22	0.210	0.38	0.85	51	849	40	10 294	-376.2	1 183.6	1973	1994-11 ABAND 1996
16	2.70	0.220	0.29	0.85	62	875	37	10 326	-378.0	1 179.4	1990	1996-07
16	2.00	0.230	0.25	0.85	66	869	32	10 082	-383.0	1 218.6	1980	1996-12 ABAND 1996
64	3.90	0.120	0.29	0.87	56	869	36	10 261	-356.4	1 176.7	1987	1990-07 GPP
64	1.00	0.180	0.40	0.87	56	869	37	10 006	-371.5	1 197.5	1983	1996-12 ABAND 1996
16	4.30	0.160	0.42	0.85	62	875	37	10 187	-371.2	1 182.9	1990	1994-12 ABAND 1993
64	3.40	0.260	0.25	0.85	62	875	37	9 192	-379.2	1 181.7	1990	1992-04 GPP
54	3.63	0.180	0.44	0.87	56	868	37	11 407	-362.3	1 154.5	1990	1998-12 GPP
16	3.80	0.160	0.45	0.87	56	868	37	8 782	-299.9	1 087.6	1990	1996-07 ABAND 1993
128	1.64	0.200	0.28	0.88	41	876	31	10 947	-391.5	1 181.2	1973	1996-07 GPP
32	3.05	0.160	0.48	0.88	41	876	35	11 052	-391.3	1 209.4	1973	1979-01 ABAND 1994
16	9.00	0.210	0.50	0.84	76	901	37	11 110	-424.7	1 250.7	1983	1992-11 ABAND 1988
16	2.40	0.200	0.41	0.88	48	870	38	10 936	-390.1	1 193.4	1990	1998-04 ABAND 1998
64	3.10	0.100	0.42	0.85	50	916	71	12 562	-862.5	1 688.5	1978	1979-08 ABAND 1985
16	6.40	0.080	0.55	0.90	37	963	61	12 511	-867.7	1 650.8	1981	1983-10 ABAND 1985

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
LEAMAN 057-09W5 (CONTINUED)								
PEKISKO C	31.3	<0.01		0.1		0.1	0.1	*
PEKISKO D	113.0	0.05		5.7		5.7	0.3	5.4
FIELD TOTAL *	275.3			11.5		11.5	6.1	5.4
LECKIE 019-17W4								
UPPER MANNVILLE B	1 487.0	0.10	0.10	149.0	149.0	298.0	157.3	140.7
WATER FLOOD								
UPPER MANNVILLE C	219.0	0.08		17.5		17.5	16.5	1.0
LOWER MANNVILLE A	193.0	<0.01		1.2		1.2	1.2	
FIELD TOTAL	1 899.0			167.7	149.0	316.7	175.0	141.7
LITTLE BOW 015-19W4								
BOW ISL G, UP MANN BB & LOWER MANNVILLE T	494.0	0.18		88.9		88.9	79.5	9.4
UPPER MANNVILLE D	1 531.0			61.2	140.0	201.0	164.4	36.6
TOTAL								
PRIMARY AREA	260.0	0.04		10.4		10.4		
WATER FLOOD AREA	1 271.0	0.04	0.11	50.8	140.0	191.0		
UPPER MANNVILLE F	247.0	0.05		12.4		12.4	5.2	7.2
UPPER MANNVILLE G	2 061.0			309.0	152.0	461.0	314.5	146.5
TOTAL								
PRIMARY AREA	545.0	0.15		81.8		81.8		
WATER FLOOD AREA	1 516.0	0.15	0.10	227.0	152.0	379.0		
UPPER MANNVILLE H	74.6	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE I	3 691.0			369.0	770.0	1 139.0	943.6	195.4
TOTAL								
PRIMARY AREA	610.0	0.10		61.0		61.0		
WATER FLOOD AREA	3 081.0	0.10	0.25	308.0	770.0	1 078.0		
UPPER MANNVILLE J	210.0	0.05		10.5		10.5	6.3	4.2
UPPER MANNVILLE M	147.0	<0.06		8.5		8.5	8.5	
UPPER MANNVILLE N	21.2	<0.05		0.9		0.9	0.9	
UPPER MANNVILLE O	146.0	<0.02		2.5		2.5	2.5	
UPPER MANNVILLE P	1 302.0	0.15		195.0		195.0	114.1	80.9
UPPER MANNVILLE Q	50.4	<0.05		2.1		2.1	2.1	
UPPER MANNVILLE R	45.3	<0.04		1.7		1.7	1.7	
UPPER MANNVILLE S	2 400.0	0.10	0.15	240.0	360.0	600.0	310.8	289.2
WATER FLOOD								
UPPER MANNVILLE T	1 200.0	0.10	0.13	120.0	156.0	276.0	256.3	19.7
WATER FLOOD								
UPPER MANNVILLE U	1 701.0	0.10	0.18	170.0	306.0	476.0	436.3	39.7
WATER FLOOD								
UPPER MANNVILLE V	50.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE W	2 455.0			246.0	271.0	517.0	359.3	157.7
TOTAL								
PRIMARY AREA	647.0	0.10		64.7		64.7		
WATER FLOOD AREA	1 808.0	0.10	0.15	181.0	271.0	452.0		
UPPER MANNVILLE CC	44.9	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE II	1 223.0	0.10		122.0		122.0	113.2	8.8
UPPER MANNVILLE JJ	25.9	<0.02		0.4		0.4	0.4	
UPPER MANNVILLE MM	800.0	0.10	0.20	80.0	160.0	240.0	179.7	60.3
WATER FLOOD								
UPPER MANNVILLE OO	25.3	0.32		8.1		8.1	6.4	1.7
UPPER MANNVILLE TT	381.0	0.04		15.2		15.2	6.9	8.3
UPPER MANNVILLE UU	56.0	0.10		5.6		5.6	4.3	1.3
UPPER MANNVILLE WW	11.1	<0.02		0.2		0.2	0.2	
UPPER MANNVILLE YY	137.0	0.30		41.1		41.1	10.2	30.9
UPPER MANNVILLE ZZ	33.9	0.30		10.2		10.2	0.3	9.9
UMNV L & LMNV MM	1 396.0			97.7	50.0	148.0	143.2	4.8
TOTAL								
PRIMARY AREA	396.0	0.07		27.7		27.7		
WATER FLOOD AREA	1 000.0	0.07	0.05	70.0	50.0	120.0		
UPPER MANNVILLE AAA	409.0	0.05		20.5		20.5	3.5	17.0
UPPER MANNVILLE DDD	1 391.0	0.15		209.0		209.0	15.6	193.4
UPPER MANNVILLE EEE	102.0	0.05		5.1		5.1	0.2	4.9
LOWER MANNVILLE A	134.0	<0.05		6.6		6.6	6.6	
LOWER MANNVILLE E	234.0	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE H	86.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE L	47.7	<0.04		1.9		1.9	1.9	
LOWER MANNVILLE M	20.2	<0.09		1.8		1.8	1.8	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	6.60	0.070	0.53	0.90	37	963	61	12 219	-835.1	1 615.2	1981	1983-10 ABAND 1985
16	7.50	0.140	0.25	0.90	61	963	37			1 757.5	1997	1998-05 GPP
349	2.91	0.230	0.26	0.86	64	887	34	10 988	-336.5	1 135.9	1967	1996-06 GPP
202	0.80	0.206	0.26	0.89	58	900	40	10 691	-348.4	1 170.8	1987	1991-12 GPP
32	5.18	0.190	0.32	0.90	33	887	44	10 974	-373.4	1 174.7	1967	1968-10 ABAND 1969
96	4.27	0.200	0.33	0.90	54	934	33	12 224	-320.5	1 141.4	1975	1997-12 GPP
502					66	904	56	12 406	-340.4	1 186.2	1967	1995-01
144	1.56	0.190	0.30	0.87								GPP
358	3.07	0.190	0.30	0.87								GPP
64	3.37	0.170	0.25	0.90	44	952	37	12 344	-308.0	1 127.0	1968	1998-08
265					44	946	37	12 219	-315.7	1 134.2	1970	1998-07
94	3.46	0.230	0.19	0.90								GPP
171	5.10	0.230	0.16	0.90								ABAND 1989
65	1.22	0.190	0.45	0.90	43	921	38	13 507	-306.5	1 116.7	1970	1974-12
254					44	927	33	12 424	-307.5	1 113.1	1974	1995-07
42	7.05	0.260	0.12	0.90								GPP
212	10.48	0.230	0.33	0.90								
130	1.68	0.160	0.33	0.90	44	927	34	11 278	-298.7	1 106.5	1974	1997-04
64	2.10	0.180	0.30	0.87	57	887	36	12 271	-354.4	1 220.9	1977	1996-01 ABAND 1995
16	1.20	0.170	0.28	0.90	44	928	35	12 331	-348.8	1 154.4	1978	1979-04 ABAND 1990
32	3.00	0.220	0.23	0.90	55	915	32	11 294	-303.0	1 095.5	1979	1992-10
96	9.01	0.220	0.24	0.90	47	864	32	10 998	-327.2	1 130.8	1979	1997-09 GPP
32	2.50	0.100	0.30	0.90	68	912	36	12 252	-330.5	1 159.8	1979	1994-12 ABAND 1993
32	1.73	0.130	0.30	0.90	58	922	33	11 922	-336.8	1 162.8	1979	1980-07 ABAND 1989
342	5.46	0.210	0.32	0.90	47	937	33	12 002	-281.7	1 076.8	1978	1998-12 GPP
85	9.20	0.240	0.29	0.90	44	927	33	12 410	-317.8	1 118.4	1975	1997-12 GPP
140	6.90	0.230	0.13	0.88	49	947	31	11 361	-312.6	1 128.7	1982	1997-12 GPP
16	3.60	0.190	0.48	0.88	56	928	34	11 341	-278.8	1 074.5	1982	1983-03 ABAND 1985
246					49	947	32	11 940	-317.2	1 129.3	1983	1998-07
95	4.55	0.210	0.19	0.88								GPP
151	8.10	0.210	0.20	0.88								ABAND 1986
16	2.00	0.240	0.35	0.90	47	946	32	11 985	-336.1	1 169.3	1982	1984-02
300	3.13	0.200	0.26	0.88	57	898	34	12 822	-341.7	1 194.8	1987	1988-07 GPP
16	1.50	0.200	0.40	0.90	47	947	32	10 011	-300.2	1 109.4	1967	1993-10 ABAND 1993
219	2.36	0.220	0.20	0.88	56	928	34	11 914	-297.0	1 115.7	1972	1998-12 GPP
32	1.00	0.160	0.45	0.90	47	946	32	12 598	-336.0	1 202.4	1990	1997-12 GPP
43	5.00	0.240	0.16	0.88	53	947	35	10 580	-309.6	1 127.5	1992	1996-08 GPP
32	1.80	0.180	0.40	0.90	63	889	37	11 221	-336.8	1 198.1	1990	1993-06 GPP
16	1.10	0.140	0.50	0.90	47	946	32	12 269	-332.3	1 199.5	1994	1996-07 ABAND 1995
16	6.30	0.220	0.30	0.88	54	923	38	9 919	-319.0	1 132.3	1995	1996-09
16	1.50	0.220	0.27	0.88	54	923	38	9 756	-330.1	1 143.7	1996	1996-09
216					44	927	32	11 865	-301.8	1 126.4	1974	1998-12
104	2.60	0.220	0.26	0.90								GPP
112	6.10	0.220	0.26	0.90								
96	3.43	0.210	0.35	0.91	38	895	37	12 272	-330.2	1 163.9	1989	1997-04
64	12.80	0.230	0.18	0.90	46	955	33	11 584	-297.4	1 106.6	1997	1998-05
16	5.20	0.200	0.32	0.90	47	946	32			1 131.8	1997	1998-06 GPP
32	5.40	0.160	0.48	0.93	37	951	30	12 282	-329.2	1 140.0	1967	1993-10 ABAND 1993
65	2.13	0.250	0.25	0.90	43	934	41	12 529	-368.7	1 215.7	1973	1977-03 ABAND 1996
32	2.70	0.170	0.35	0.90	44	940	38	12 501	-351.9	1 193.8	1976	1979-12
16	3.00	0.170	0.35	0.90	35	950	35	12 787	-350.5	1 181.0	1979	1988-12 ABAND 1983
16	1.00	0.200	0.30	0.90	85	970	31	12 157	-350.1	1 205.8	1979	1996-07 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
LITTLE BOW 015-19W4 (CONTINUED)								
LOWER MANNVILLE N	27.4	<0.02		0.4		0.4	0.4	
LOWER MANNVILLE P	40.2	<0.06		2.1		2.1	2.1	
LOWER MANNVILLE U	57.5	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE V	28.4	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE FF	39.9	<0.02		0.5		0.5	0.5	
LOWER MANNVILLE GG	50.9	0.25		12.7		12.7	5.3	7.4
LOWER MANNVILLE KK & LL	31.7	0.02		0.6		0.6	0.1	0.5
LIVINGSTONE A	91.7	<0.01		0.1		0.1	0.1	
FIELD TOTAL	24 752.3			2 481.4	2 365.0	4 846.5	3 510.8	1 335.7
LLOYDMINSTER 050-01W4								
COLONY D	188.0	0.05		9.4		9.4	8.7	0.7
COLONY E	68.8	<0.05		3.1		3.1	3.1	
COLONY F	300.0	0.04		12.0		12.0	9.0	3.0
COLONY G	113.0	<0.05		5.7		5.7	5.7	
COLONY H	48.0	<0.03		1.1		1.1	1.1	
COLONY I	32.0	<0.01		0.1		0.1	0.1	
COLONY J	53.2	<0.08		4.2		4.2	4.2	
COLONY K	40.9	0.05		2.1		2.1	1.2	0.9
COLONY N	61.6	<0.02		1.0		1.0	1.0	
COLONY O	45.7	0.05		2.3		2.3	1.8	0.5
COLONY T	307.0	<0.01		0.6		0.6	0.6	
COLONY V	93.0	0.07		6.5		6.5	5.1	1.4
COLONY Z	122.0	<0.01		1.1		1.1	1.1	
MCLAREN A	1 605.0	0.10		161.0		161.0	60.7	100.3
MCLAREN D	231.0	0.03		6.9		6.9	4.3	2.6
MCLAREN E	99.1	0.03		3.0		3.0	1.1	1.9
MCLAREN K	230.0	0.05		11.5		11.5	4.1	7.4
MCLAREN L	164.0	0.05		8.2		8.2	0.5	7.7
MCLAREN N	146.0	0.10		14.6		14.6	10.9	3.7
WASECA A	141.0	<0.01		0.5		0.5	0.5	
SPARKY F	8 040.0	0.04		321.0		321.0	310.3	10.7
SPARKY G	19 500.0	0.06		1 170.0		1 170.0	1 036.6	133.4
SPARKY H	1 800.0	0.07		126.0		126.0	93.4	32.6
SPARKY K	24 460.0	0.10		2 446.0		2 446.0	1 939.5	506.5
SPARKY L	793.0	<0.02		13.9		13.9	13.9	
SPARKY M	267.0	0.05		13.4		13.4	5.7	7.7
SPARKY N	27.8	<0.03		0.8		0.8	0.8	
SPARKY O	334.0	<0.01		0.9		0.9	0.9	
SPARKY P	163.0	0.08		13.0		13.0	10.4	2.6
SPARKY S	365.0	0.07		25.6		25.6	25.6	
SPARKY T	183.0	<0.04		5.6		5.6	5.6	
SPARKY U	181.0	<0.02		3.0		3.0	3.0	
SPARKY X	860.0	<0.03		21.1		21.1	21.1	
SPARKY EE	549.0	0.04		22.0		22.0	17.6	4.4
SPARKY FF	204.0	<0.01		1.0		1.0	1.0	
SPARKY JJ	87.8	0.10		8.8		8.8	1.8	7.0
SPARKY KK	1 612.0	0.05		80.6		80.6	76.0	4.6
SPARKY OO	355.0	<0.01		0.2		0.2	0.2	
SPARKY RR	124.0	<0.02		1.3		1.3	1.3	
SPARKY UU	105.0	<0.01		0.1		0.1	0.1	
SPARKY WW	263.0	<0.01		0.1		0.1	0.1	
SPARKY YY	89.1	<0.01		0.2		0.2	0.2	
SPARKY C & GENERAL PETROLEUM A	19 410.0	0.09		1 747.0		1 747.0	1 637.3	109.7
SPARKY & GENERAL PETROLEUM C&D TOT	78 250.0			3 236.0	314.0	3 550.0	3 236.2	313.8
PRIMARY AREA	67 770.0	0.04		2 711.0		2 711.0		
WATER FLOOD AREA	10 480.0	<0.06	0.03	525.0	314.0	839.0		
SPARKY E & GENERAL PETROLEUM F	6 933.0	<0.07		445.0		445.0	371.4	73.6
SPARKY D & GENERAL PETROLEUM B	3 613.0	0.03		108.0		108.0	98.2	9.8
SPARKY I & GENERAL PETROLEUM K	10 390.0	0.08		831.0		831.0	405.8	425.2
SPARKY VV & GENERAL PETROLEUM I	6 494.0	0.04		260.0		260.0	170.5	89.5
SPARKY TT & GENERAL PETROLEUM AA	681.0	0.04		27.2		27.2	13.8	13.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	0.80	0.170	0.30	0.90	46	952	33	12 629	-352.1	1 165.4	1978	1988-12
16	2.78	0.170	0.41	0.90	46	951	31	12 296	-325.0	1 136.2	1979	1998-06 ABAND 1998
16	3.80	0.185	0.45	0.93	37	952	30	12 322	-376.2	1 219.5	1981	1983-08 ABAND 1996
16	2.30	0.140	0.40	0.92	37	951	30	12 450	-354.2	1 175.8	1982	1984-02 ABAND 1992
16	2.00	0.190	0.27	0.90	43	916	29	12 667	-345.0	1 171.4	1982	1996-07 GPP
32	1.80	0.190	0.50	0.93	37	929	30	12 259	-320.3	1 138.1	1973	1995-12 GPP
32	0.90	0.180	0.32	0.90	25	966	35	14 735	-352.3	1 194.9	1995	1997-04 GPP
64	4.00	0.070	0.45	0.93	21	985	42	12 993	-383.1	1 212.3	1982	1983-01 ABAND 1985
32	3.26	0.280	0.35	0.99	8	983	25	2 819	133.7	515.0	1977	1988-12 GPP
16	2.40	0.290	0.37	0.98	10	961	28	3 036	111.2	539.5	1977	1996-07 GPP
38	2.77	0.320	0.10	0.99	11	975	28	2 903	125.1	548.5	1977	1997-09 GPP
16	3.70	0.320	0.40	0.99	9	962	24	2 864	129.4	543.9	1978	1993-12 ABAND 1993
8	2.10	0.320	0.10	0.99	10	962	28	2 904	125.2	540.6	1975	1979-12 ABAND 1984
8	2.10	0.320	0.40	0.99	10	980	28	2 900	125.3	541.9	1977	1984-12 ABAND 1990
16	2.00	0.280	0.40	0.99	10	981	28	3 066	108.1	542.7	1982	1996-07 GPP
4	4.30	0.320	0.25	0.99	10	970	22	3 573	119.0	591.7	1979	1984-04 GPP
8	4.90	0.270	0.40	0.97	12	988	25	2 928	122.6	545.8	1980	1988-12 ABAND 1988
4	5.50	0.300	0.30	0.99	10	985	28	3 557	120.7	573.0	1983	1984-08 GPP
16	7.30	0.320	0.17	0.99	12	977	25	3 092	139.3	495.6	1985	1986-05 ABAND 1986
16	2.50	0.320	0.25	0.97	13	949	26	3 777	95.4	565.0	1984	1996-12 GPP
16	3.69	0.300	0.29	0.97	15	946	11	3 782	94.8	595.9	1977	1978-02 ABAND 1992
300	2.60	0.300	0.30	0.98	12	965	24	4 039	109.7	553.7	1983	1997-09 GPP
16	7.00	0.310	0.32	0.98	7	945	30	3 904	95.4	568.5	1985	1985-05 GPP
16	3.60	0.270	0.35	0.98	7	982	25	3 961	123.7	545.6	1975	1994-10
32	3.46	0.310	0.31	0.97	10	975	22		118.1	548.3	1994	1997-05
8	9.33	0.310	0.27	0.97	10	975	22		107.6	592.5	1994	1997-05 GPP
16	3.90	0.310	0.23	0.98	8	981	22			547.1	1994	1998-02 GPP
16	3.70	0.300	0.20	0.99	9	983	27	4 143	117.0	531.7	1982	1994-12 ABAND 1984
712	3.96	0.320	0.10	0.99	10	959	22	4 196	78.9	589.2	1947	1977-12 GPP
1 631	5.44	0.300	0.26	0.99	10	959	22	4 184	70.7	600.9	1963	1994-12 GPP
232	2.72	0.320	0.10	0.99	10	959	22	3 946	95.9	546.7	1961	1997-12 GPP
2 872	3.70	0.310	0.25	0.99	10	959	22	3 853	84.8	577.1	1947	1996-12 GPP
93	2.99	0.320	0.10	0.99	10	959	22	4 043	84.8	579.0	1946	1986-07 ABAND 1987
32	2.93	0.320	0.10	0.99	10	959	22	4 240	74.9	597.3	1945	1985-06 GPP
16	0.61	0.320	0.10	0.99	10	959	22	4 253	73.5	598.6	1944	1971-06 ABAND 1954
32	3.66	0.320	0.10	0.99	10	959	22	4 835	79.2	582.8	1939	1971-06 ABAND 1956
16	3.78	0.320	0.15	0.99	15	980	22	4 247	74.2	589.4	1964	1998-07 GPP
32	4.00	0.320	0.10	0.99	10	959	22	4 276	71.1	599.4	1965	1994-10 GPP
32	2.01	0.320	0.10	0.99	10	959	22	4 797	83.3	574.3	1952	1971-06 ABAND 1965
16	3.96	0.320	0.10	0.99	10	959	22	4 874	73.1	577.3	1948	1971-06 ABAND 1955
64	5.85	0.290	0.20	0.99	6	959	22	4 883	74.1	580.2	1974	1996-12 GPP
80	3.04	0.300	0.24	0.99	10	986	22	3 512	74.9	569.1	1977	1991-12 GPP
16	5.30	0.300	0.19	0.99	12	979	21	3 554	70.7	573.6	1977	1996-07 GPP
16	2.10	0.330	0.20	0.99	11	979	22	4 004	68.8	590.6	1977	1996-01 GPP
187	3.72	0.300	0.22	0.99	12	977	24	3 803	89.7	564.4	1978	1986-11 GPP
16	8.50	0.310	0.15	0.99	9	959	23	3 856	74.8	616.3	1978	1979-02
16	3.30	0.300	0.21	0.99	9	972	23	4 151	74.8	572.9	1978	1984-12 ABAND 1991
16	2.90	0.300	0.24	0.99	9	979	27	4 960	77.3	627.1	1978	1984-12 ABAND 1986
16	6.10	0.320	0.14	0.98	10	961	24	3 322	94.2	548.6	1978	1982-12 ABAND 1985
16	3.00	0.280	0.33	0.99	9	982	25	3 874	103.6	528.5	1980	1983-12 ABAND 1986
1 806	4.22	0.310	0.17	0.99	10	959	22	4 158	73.1	591.8	1948	1998-09 GPP
7 634					10	959	22	4 228	76.2	599.7	1943	1996-09 GPP
6 890	3.45	0.320	0.10	0.99								
744	4.94	0.320	0.10	0.99								
513	4.74	0.320	0.10	0.99	10	959	22	4 075	80.7	565.2	1951	1979-06 GPP
320	3.96	0.320	0.10	0.99	10	959	22	4 098	79.8	574.9	1952	1975-07 GPP
790	5.10	0.310	0.16	0.99	10	959	22	3 147	78.7	587.1	1943	1998-12 GPP
656	3.84	0.310	0.16	0.99	10	980	22	3 403	68.8	595.7	1944	1997-12 GPP
100	3.25	0.300	0.28	0.97	10	975	22	2 742	84.2	571.1	1978	1997-10 GPP

TABLE 2-6

FIELD POOL	1	2	3	4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
LLOYDMINSTER 050-01W4 (CONTINUED)								
SPARKY Q, GEN PET J & BB	17 170.0	<0.05		800.0		800.0	739.3	60.7
SPARKY AAA	130.0	<0.10		12.7		12.7	12.7	
SPARKY BBB	359.0	0.03		10.8		10.8	7.1	3.7
SPARKY EEE	126.0	<0.01		0.1		0.1		0.1
SPARKY FFF	216.0	0.05		10.8		10.8	2.9	7.9
SPARKY GGG	177.0	0.10		17.7		17.7	7.7	10.0
SPARKY HHH	71.0	<0.01		0.2		0.2	0.2	
SPARKY III	149.0	0.08		11.9		11.9	10.3	1.6
SPARKY JJJ	228.0	0.05		11.4		11.4	8.4	3.0
SPARKY KKK	137.0	0.05		6.9		6.9	1.3	5.6
SPARKY LLL	84.1	<0.05		3.6		3.6	3.6	
SPARKY MMM	60.9	<0.02		1.0		1.0	1.0	
SPARKY NNN	32.9	0.01		0.3		0.3	0.3	
SPARKY OOO	297.0	0.07		20.8		20.8	17.9	2.9
SPARKY PPP	49.4	<0.01		0.1		0.1	0.1	
SPARKY QOO	71.4	<0.02		1.0		1.0	1.0	
SPARKY SSS	166.0	0.06		10.0		10.0	7.4	2.6
SPARKY TTT	449.0	0.07		31.4		31.4	7.2	24.2
SPARKY UUU	155.0	0.05		7.8		7.8	5.6	2.2
SPARKY WWW	73.2	<0.02		1.4		1.4	1.4	
SPARKY YYY	149.0	0.01		1.5		1.5	0.1	1.4
SPARKY ZZZ	5 827.0	0.05		291.0		291.0	82.8	208.2
SPARKY A2A	236.0	0.05		11.8		11.8	11.2	0.6
SPARKY B2B	175.0	<0.04		6.3		6.3	6.3	
SPARKY C2C	94.7	<0.06		4.9		4.9	4.9	
SPARKY D2D	218.0	0.05		10.9		10.9	5.5	5.4
SPARKY E2E	570.0	0.07		39.9		39.9	29.1	10.8
SPARKY F2F	97.2	0.20		19.4		19.4	16.2	3.2
SPARKY G2G	274.0	<0.03		6.4		6.4	6.4	
SPARKY I2I	104.0	<0.01		0.2		0.2	0.2	
SPARKY J2J	90.2	<0.01		0.1		0.1	0.1	
SPARKY E3E	103.0	<0.02		1.8		1.8	1.8	
SPARKY K3K	166.0	0.05		8.3		8.3	1.8	6.5
SPARKY M3M	517.0	0.10		51.7		51.7	6.9	44.8
SPARKY B & REX B	12 430.0	<0.08		900.0		900.0	747.1	152.9
GENERAL PETROLEUM E	184.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM L	46.9	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM M	1 663.0	0.07		116.0		116.0	84.1	31.9
GENERAL PETROLEUM N	1 346.0	0.05		67.3		67.3	62.8	4.5
GENERAL PETROLEUM O	55.6	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM Q	149.0	<0.01		0.7		0.7	0.7	
GENERAL PETROLEUM R	223.0	0.05		11.2		11.2	7.0	4.2
GENERAL PETROLEUM S	83.2	<0.04		2.9		2.9	2.9	
GENERAL PETROLEUM T	106.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM V	175.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM W	136.0	<0.01		0.7		0.7	0.7	
GENERAL PETROLEUM X	715.0	0.02		14.3		14.3	8.2	6.1
GENERAL PETROLEUM Y	54.7	0.04		2.2		2.2	0.5	1.7
GENERAL PETROLEUM Z	132.0	0.01		1.3		1.3	0.5	0.8
GENERAL PETROLEUM MM	595.0	<0.01		1.6		1.6	1.6	
GENERAL PETROLEUM PP	198.0	0.05		9.9		9.9	1.9	8.0
GENERAL PETROLEUM QQ	169.0	0.10		16.9		16.9	0.7	16.2
GENERAL PETROLEUM RR	110.0	0.01		1.1		1.1	0.1	1.0
REX A	706.0	<0.01		6.9		6.9	6.9	
REX D	255.0	0.05		12.8		12.8	2.6	10.2
LLOYDMINSTER A	176.0	0.07		12.3		12.3	7.5	4.8
LLOYDMINSTER B	98.0	<0.03		2.3		2.3	2.3	
LLOYDMINSTER D	165.0	<0.01		0.4		0.4	0.4	
LLOYDMINSTER E	170.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER F	175.0	<0.03		4.4		4.4	4.4	
LLOYDMINSTER G	179.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER I	89.6	<0.01		0.5		0.5	0.5	
LLOYDMINSTER K	271.0	<0.01		2.3		2.3	2.3	
LLOYDMINSTER M	2 150.0	0.04		86.0		86.0	60.0	26.0
LLOYDMINSTER N	250.0	<0.01		1.6		1.6	1.6	
LLOYDMINSTER R	344.0	0.05		17.2		17.2	0.7	16.5
CUMMINGS A	1 639.0	0.04		65.6		65.6	54.7	10.9
CUMMINGS C	66.1	<0.01		0.5		0.5	0.5	
CUMMINGS D	238.0	<0.01		2.2		2.2	2.2	
CUMMINGS E	58.7	<0.01		0.1		0.1	0.1	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
1 160	5.25	0.320	0.11	0.99	10	959	22	3 561	69.9	581.4	1944	1994-08 GPP
16	4.10	0.290	0.31	0.99	9	986	25	4 897	72.6	605.9	1980	1996-07 GPP
48	3.16	0.310	0.23	0.99	10	958	28	4 032	85.4	561.8	1980	1991-03 GPP
16	3.80	0.280	0.25	0.99	9	985	27	4 021	67.0	594.6	1981	1982-08 ABAND 1983
32	3.10	0.290	0.24	0.99	9	988	27	4 153	73.8	614.3	1981	1998-06 GPP
16	4.50	0.310	0.20	0.99	9	959	28	4 164	72.2	603.3	1982	1997-12 GPP
16	2.30	0.300	0.35	0.99	9	971	23	4 874	74.0	595.4	1982	1983-01 ABAND 1993
32	2.40	0.280	0.30	0.99	10	962	22	4 131	90.8	555.2	1982	1989-12 GPP
16	7.00	0.300	0.30	0.97	10	975	22	4 135	71.9	599.7	1982	1996-12 GPP
8	7.77	0.320	0.29	0.97	10	975	26	4 218	75.0	624.8	1979	1993-05 GPP
12	3.19	0.300	0.26	0.99	10	975	54	4 167	71.7	573.1	1978	1996-12 ABAND 1993
4	7.00	0.330	0.32	0.97	10	975	22	4 246	74.3	618.0	1979	1983-09 ABAND 1984
16	1.00	0.300	0.30	0.98	8	981	22	4 387	71.3	622.3	1983	1980-03 ABAND 1984
32	3.50	0.330	0.18	0.98	8	941	23	4 115	88.7	556.4	1983	1995-12 GPP
16	1.50	0.300	0.30	0.98	8	981	22	4 266	72.7	625.9	1983	1983-11 ABAND 1990
16	2.30	0.280	0.30	0.99	10	990	25	4 199	69.7	599.8	1983	1992-11 ABAND 1992
16	5.00	0.300	0.30	0.99	9	980	27	4 143	69.0	592.3	1984	1997-12 GPP
48	4.50	0.300	0.30	0.99	10	990	22	4 012	87.7	564.8	1984	1998-12 GPP
16	4.50	0.310	0.30	0.99	10	990	22	3 392	89.7	565.9	1984	1985-07 GPP
16	2.00	0.330	0.30	0.99	10	985	25	3 982	113.2	490.8	1979	1989-12 ABAND 1994
16	4.00	0.300	0.20	0.97	10	970	27	4 186	71.6	592.0	1984	1998-12 GPP
759	3.45	0.310	0.26	0.97	12	980	26	4 003	68.6	596.1	1974	1998-07 GPP
16	6.20	0.300	0.20	0.99	9	957	41	3 885	101.2	557.5	1979	1980-03 GPP
16	4.82	0.300	0.23	0.98	12	980	24	4 309	115.5	503.3	1985	1996-07 GPP
16	3.39	0.200	0.10	0.97	9	995	24	4 052	106.8	511.0	1965	1991-12 ABAND 1990
16	5.00	0.320	0.14	0.99	10	985	30	3 850	105.5	548.0	1984	1989-12 GPP
32	7.28	0.320	0.22	0.98	10	979	23	3 350	91.2	544.4	1985	1997-12 GPP
16	2.13	0.320	0.10	0.99	7	959	23	4 147	96.0	513.9	1965	1993-12 GPP
16	7.00	0.330	0.25	0.99	10	986	22	4 832	104.3	549.5	1980	1992-10 GPP
16	3.35	0.280	0.30	0.99	10	930	30	3 810	79.7	601.5	1974	1996-07 ABAND 1995
16	2.70	0.300	0.29	0.98	8	981	22	3 848	75.4	605.2	1980	1988-10 ABAND 1988
16	3.00	0.310	0.30	0.99	10	930	30	3 978	71.5	616.8	1983	1996-12 ABAND 1987
16	4.60	0.310	0.25	0.97	10	975	22		80.3	577.8	1996	1997-05 GPP
32	6.17	0.330	0.19	0.98	8	981	22			526.1	1997	1998-04 GPP
747	6.18	0.320	0.15	0.99	10	959	27	3 817	83.3	583.9	1956	1997-12 GPP
16	4.27	0.320	0.15	0.99	12	959	21	3 679	89.8	576.5	1974	1988-12 ABAND 1975
8	2.74	0.270	0.20	0.99	9	979	27	3 992	65.1	588.1	1977	1978-05 ABAND 1978
294	2.38	0.300	0.20	0.99	8	984	27	4 115	77.9	567.8	1977	1997-12 GPP
210	2.84	0.300	0.24	0.99	9	983	27	4 108	77.1	578.8	1977	1988-12 GPP
8	4.00	0.270	0.35	0.99	9	972	27	4 039	60.4	615.0	1979	1979-10 ABAND 1980
4	12.70	0.330	0.10	0.99	10	970	27	4 181	60.7	607.7	1981	1992-11 ABAND 1987
16	5.00	0.320	0.12	0.99	9	974	25	4 131	79.7	567.5	1981	1982-08 GPP
16	2.50	0.280	0.25	0.99	10	988	25	3 974	67.1	641.8	1982	1989-12 ABAND 1992
16	3.00	0.280	0.20	0.99	9	959	22	3 926	58.5	615.2	1983	1988-12 ABAND 1984
16	4.50	0.310	0.20	0.98	6	970	30	3 767	84.4	555.3	1984	1985-07 ABAND 1985
16	3.50	0.310	0.21	0.99	24	930	26	4 802	74.6	571.3	1985	1985-11 ABAND 1989
64	4.35	0.320	0.19	0.99	14	980	26	3 886	82.5	562.9	1985	1996-08 GPP
16	1.20	0.320	0.10	0.99	10	959	22	4 004	66.4	589.2	1956	1990-07 GPP
16	3.20	0.310	0.15	0.98	8	981	22	3 992	65.7	622.8	1988	1998-11 GPP
16	14.80	0.320	0.19	0.97	10	975	22		58.7	610.8	1994	1997-12 ABAND 1997
16	5.00	0.320	0.21	0.98	8	981	22			566.8	1996	1998-04 GPP
8	7.00	0.350	0.12	0.98	8	992	22			583.5	1997	1998-04 GPP
8	5.75	0.320	0.23	0.97	11	975	28			610.0	1996	1998-06 GPP
16	20.00	0.300	0.25	0.98	10	965	25	4 267	61.0	600.8	1952	1996-07 ABAND 1998
16	6.70	0.300	0.19	0.98	8	999	28	3 975	66.3	592.3	1994	1997-11 GPP
16	4.88	0.285	0.20	0.99	8	979	27	3 590	33.5	610.2	1973	1997-12 GPP
8	5.70	0.310	0.30	0.99	10	959	22	3 577	32.1	606.9	1974	1992-12 GPP
16	4.20	0.310	0.20	0.99	9	973	27	4 311	30.5	605.7	1977	1983-12 ABAND 1994
16	4.20	0.320	0.20	0.99	11	990	25	4 320	30.2	607.8	1977	1983-12 ABAND 1985
16	4.60	0.300	0.20	0.99	8	974	27	4 297	31.5	605.5	1974	1996-07 ABAND 1998
16	7.62	0.270	0.45	0.99	10	990	27	4 994	25.3	654.4	1978	1979-04 GPP
16	2.50	0.290	0.22	0.99	22	975	25	4 330	32.1	610.0	1983	1989-12 GPP
16	6.70	0.290	0.12	0.99	22	978	25	4 108	35.7	602.7	1983	1996-07 GPP
108	7.72	0.310	0.16	0.99	10	983	27	4 311	29.7	688.4	1977	1998-12 GPP
16	5.49	0.320	0.10	0.99	10	965	22	5 078	31.1	659.6	1965	1975-12 ABAND 1969
8	14.60	0.330	0.09	0.98	8	992	30			640.4	1991	1998-07 GPP
128	5.60	0.300	0.23	0.99	10	972	30	4 432	11.5	632.0	1977	1996-12 GPP
16	2.10	0.280	0.29	0.99	9	980	29	5 620	-3.5	727.5	1978	1979-06 GPP
16	6.30	0.280	0.15	0.99	9	988	29	3 953	11.3	655.2	1982	1997-12 GPP
16	1.90	0.270	0.27	0.98	9	980	29	4 941	-6.7	697.8	1983	1983-11 ABAND 1984

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
LLOYDMINSTER 050-01W4 (CONTINUED)								
CUMMINGS F	169.0	<0.01		0.5		0.5	0.5	*
CUMMINGS H	163.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	244 979.8			13 960.3	314.0	14 274.3	11 698.6	2 575.7
MAJEAU 056-04W5								
LOWER MANNVILLE A	39.6	<0.01		0.3		0.3	0.3	
LOWER MANNVILLE B	62.5	<0.03		1.4		1.4	1.4	
LOWER MANNVILLE D	64.7	0.12		7.8		7.8	7.1	0.7
LOWER MANNVILLE F	145.0	0.15		21.8		21.8	11.1	10.7
BANFF B	59.3	<0.03		1.7		1.7	1.7	
BANFF C	36.6	<0.02		0.6		0.6	0.6	
BANFF I	102.0	<0.01		0.5		0.5	0.5	
WABAMUN B	106.0	<0.01		0.4		0.4	0.4	
FIELD TOTAL	615.7			34.5		34.5	23.1	11.4
MANNVILLE 051-09W4								
UPPER MANNVILLE A	661.0	0.05		33.1		33.1	28.2	4.9
UPPER MANNVILLE B	405.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE M	422.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE I2I	267.0	0.05		13.4		13.4	1.4	12.0
UPPER MANNVILLE J2J	54.1	0.05		2.7		2.7	0.6	2.1
LOWER MANNVILLE D	151.0	<0.01		0.2		0.2	0.2	
FIELD TOTAL	1 960.1			50.9		50.9	31.9	19.0
MARWAYNE 052-01W4								
SPARKY B	5 156.0	0.02		103.0		103.0	10.8	92.2
SPARKY C	91.1	0.05		4.6		4.6	4.0	0.6
SPARKY D	9 082.0	0.05		454.0		454.0	54.5	399.5
SPARKY H	299.0	0.05		15.0		15.0	1.5	13.5
SPARKY F & GENERAL PETROLEUM B	151.0	0.05		7.6		7.6	0.1	7.5
GENERAL PETROLEUM A	1 943.0	0.03		58.3		58.3	3.1	55.2
FIELD TOTAL	16 722.1			642.5		642.5	74.0	568.5
MATZIWIN 023-14W4								
PEKISKO A	569.0	0.21		119.0		119.0	118.3	0.7
PEKISKO B	166.0	<0.02		2.3		2.3	2.3	
BANFF A	57.0	<0.01		0.5		0.5	0.5	
FIELD TOTAL *	792.0			121.8		121.8	121.1	0.7
MEDICINE HAT 012-05W4								
GLAUCONITIC C	30 920.0	0.10		3 092.0		3 092.0	1 958.2	1 133.8
GLAUCONITIC G	2 350.0	0.08		188.0		188.0	52.9	135.1
GLAUCONITIC H	3 089.0	0.10		309.0		309.0	87.3	221.7
LOWER MANNVILLE A	1 163.0	0.10		116.0		116.0	37.2	78.8
LOWER MANNVILLE I	144.0	<0.05		6.5		6.5	6.5	
LOWER MANNVILLE K	70.3	<0.03		2.0		2.0	2.0	
FIELD TOTAL	37 736.3			3 713.5		3 713.5	2 144.1	1 569.4
MEDICINE RIVER 039-03W5								
ELKTON-SHUNDA B	1 352.0	0.10		135.0		135.0	119.3	15.7
FIELD TOTAL *	1 352.0			135.0		135.0	119.3	15.7
MONTAG 085-06W6								
MONTNEY A	92.7	0.10		9.3		9.3	0.6	8.7
FIELD TOTAL	92.7			9.3		9.3	0.6	8.7
MOONEY 072-07W5								
BLUESKY A	1 074.0	<0.03		30.4		30.4	30.4	
FIELD TOTAL *	1 074.0			30.4		30.4	30.4	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	4.50	0.300	0.21	0.99	90	973	29	3 923	14.4	647.8	1979	1987-12 ABAND 1993
16	4.20	0.310	0.21	0.99	9	972	29	4 755	13.0	635.2	1987	1987-11 ABAND 1987
32	1.40	0.170	0.35	0.80	145	920	32	9 822	-535.5	1 223.1	1981	1984-12 ABAND 1985
16	5.00	0.140	0.38	0.90	70	921	58	9 740	-541.8	1 245.0	1980	1988-12 ABAND 1994
32	2.50	0.150	0.35	0.83	66	934	49	9 506	-548.9	1 249.6	1979	1991-12 GPP
32	4.07	0.170	0.27	0.90	38	921	46	6 910	-540.6	1 244.8	1980	1998-09 GPP
16	4.27	0.160	0.39	0.89	43	898	44	10 569	-597.1	1 322.5	1974	1992-12 ABAND 1992
64	1.30	0.100	0.45	0.80	87	903	32	10 652	-541.0	1 210.3	1982	1983-02 ABAND 1986
16	7.20	0.140	0.30	0.90	43	961	43	13 320	-563.6	1 234.1	1985	1992-10 ABAND 1992
32	8.50	0.090	0.51	0.88	51	889	47	10 562	-674.6	1 388.3	1983	1987-03 ABAND 1991
64	4.88	0.300	0.28	0.98	10	972	33	5 136	-2.1	627.4	1971	1996-12 GPP
65	2.74	0.310	0.25	0.98	10	979	33	5 171	0.5	619.5	1971	1972-12 ABAND 1972
65	3.05	0.310	0.30	0.98	10	979	21	3 541	39.7	586.7	1974	1978-01
32	4.10	0.300	0.30	0.97	10	975	22		43.7	577.6	1982	1997-09 GPP
4	6.00	0.310	0.25	0.97	10	974	22		41.9	556.0	1996	1997-07 GPP
16	3.90	0.320	0.23	0.98	6	990	30	5 602	-59.3	719.0	1981	1982-04 ABAND 1985
682	2.91	0.320	0.18	0.99	8	985	25	4 145	120.3	522.8	1978	1997-08 GPP
16	2.00	0.330	0.12	0.98	8	981	22	2 689	127.3	472.0	1994	1995-08 GPP
867	4.10	0.330	0.21	0.98	8	981	22	3 000	116.5	513.5	1995	1998-09 GPP
32	3.82	0.320	0.22	0.98	16	977	19			468.5	1997	1998-04 GPP
16	4.04	0.330	0.27	0.97	10	975	22			479.0	1996	1997-11 GPP
101	7.20	0.340	0.19	0.97	10	975	22		109.3	489.5	1996	1998-03 GPP
287	5.52	0.070	0.43	0.90	53	915	35	9 980	-319.0	1 020.9	1962	1994-12 GPP
32	6.25	0.132	0.30	0.90	53	892	35	9 960	-301.5	1 008.6	1960	1967-02 ABAND 1971
16	3.00	0.220	0.35	0.83	52	920	37	10 130	-325.4	1 064.5	1993	1996-07 ABAND 1998
2 576	8.66	0.220	0.30	0.90	45	960	26	10 175	-109.8	825.9	1981	1997-03 GPP
294	5.10	0.250	0.34	0.95	15	984	30	10 308	-158.7	911.0	1995	1998-06 GPP
369	5.38	0.260	0.37	0.95	28	965	24	10 452	-158.3	902.2	1996	1998-09 GPP
648	1.77	0.190	0.45	0.97	9	960	31	10 072	-113.4	886.8	1978	1998-06 GPP
64	2.75	0.150	0.40	0.91	37	945	30	10 293	-101.9	918.7	1976	1996-07 ABAND 1997
16	2.44	0.230	0.14	0.91	35	979	32	10 611	-129.9	1 032.7	1977	1996-07 ABAND 1994
620	5.77	0.080	0.37	0.75	59	940	70	17 877	-1 317.0	2 291.1	1973	1994-12 GPP
32	2.50	0.180	0.30	0.92	35	919	37			1 003.3	1996	1997-06
144	4.62	0.247	0.24	0.86	2	953	20	5 797	-100.2	915.5	1986	1998-12 GPP

TABLE 2-6

FIELD POOL	1	3		5			6	7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3	
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3			
MORGAN 051-04W4									
SPARKY B	109.0	<0.01		0.2		0.2	0.2		
SPARKY A, LLOYD A & REX A	93 250.0	0.05		4 663.0		4 663.0	3 047.9	* 1 615.1	
DINA A	159.0	0.05		8.0		8.0	0.7	7.3	
FIELD TOTAL	93 518.0			4 671.2		4 671.2	3 048.8	1 622.4	
NORRIS 053-18W4									
UPPER MANNVILLE H	1 752.0	0.10		175.0		175.0	69.8	105.2	
FIELD TOTAL *	1 752.0			175.0		175.0	69.8	105.2	
OYEN 029-05W4									
BANFF	14.3	<0.02		0.2		0.2	0.2		
FIELD TOTAL	14.3			0.2		0.2	0.2		
PADDLE RIVER 057-08W5									
NORDEGG D	408.0	0.10		40.8		40.8	14.3	26.5	
JURASSIC-DETRITAL & RUNDLE	2 473.0	0.09		223.0		223.0	24.6	198.4	
FIELD TOTAL *	2 881.0			263.8		263.8	38.9	224.9	
PARADISE 047-02W4									
CUMMINGS A	100.0	<0.01		0.1		0.1	0.1		
FIELD TOTAL	100.0			0.1		0.1	0.1		
PEMBINA 047-10W5									
ELLERSLIE VV	152.0	<0.01		0.4		0.4	0.4		
FIELD TOTAL *	152.0			0.4		0.4	0.4		
PENDANT D'OREILLE 003-08W4									
MANNVILLE D	106.0	<0.02		1.2		1.2	1.2		
FIELD TOTAL *	106.0			1.2		1.2	1.2		
PLAIN 053-12W4									
COLONY E	247.0	0.03		7.4		7.4	4.2	3.2	
FIELD TOTAL	247.0			7.4		7.4	4.2	3.2	
PRINCESS 020-11W4									
GLAUCONITIC A	128.0	<0.01		0.1		0.1	0.1		
BASAL MANNVILLE A	3 058.0	0.10		306.0		306.0	228.2	77.8	
BASAL MANNVILLE I	471.0	0.15		70.7		70.7	49.5	21.2	
BASAL MANNVILLE M	578.0	0.10		57.8		57.8	16.5	41.3	
BASAL MANNVILLE O	170.0	<0.02		1.9		1.9	1.9		
BASAL MANNVILLE Q	192.0	<0.02		2.8		2.8	2.8		
BASAL MANNVILLE R	248.0	<0.01		1.3		1.3	1.3		
BASAL MANNVILLE U	137.0	<0.01		0.2		0.2	0.2		
BASAL MANNVILLE V	182.0	0.10		18.2		18.2	13.1	5.1	
BASAL MANNVILLE W	80.2	<0.06		4.7		4.7	4.7		
BASAL MANNVILLE X	122.0	<0.01		0.3		0.3	0.3		
BASAL MANNVILLE AA	161.0	<0.01		0.5		0.5	0.5		
BASAL MANNVILLE DD	62.1	<0.07		3.8		3.8	3.8		
BASAL MANNVILLE EE	144.0	0.15		21.6		21.6	5.8	15.8	
BASAL MANNVILLE FF	108.0	0.10		10.8		10.8	8.4	2.4	
BASAL MANNVILLE GG	108.0	0.15		16.2		16.2	6.5	9.7	
BASAL MANNVILLE HH	89.4	0.10		8.9		8.9	0.5	8.4	
PEKISKO A	1 712.0	0.20		342.0		342.0	270.3	71.7	
PEKISKO C	55.1	<0.01		0.3		0.3	0.3		
PEKISKO F	65.5	<0.02		0.8		0.8	0.8		
PEKISKO G	187.0	<0.01		1.1		1.1	1.1		
PEKISKO H	28.3	<0.04		0.9		0.9	0.9		
PEKISKO I	71.8	<0.01		0.6		0.6	0.6		
PEKISKO J	150.0	<0.02		1.9		1.9	1.9		
PEKISKO K	131.0	<0.12		14.7		14.7	14.7		
PEKISKO L	140.0	0.05		7.0		7.0	4.6	2.4	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	3.30	0.280	0.25	0.98	8	981	22	3 315	95.3	527.3	1983	1996-07 GPP
4 600	8.64	0.300	0.21	0.99	7	990	21	4 281	54.9	564.6	1962	1996-07 GPP
16	4.50	0.300	0.25	0.98	10	980	25	4 144	8.2	595.1	1983	1998-12 GPP
610	2.00	0.240	0.32	0.88	30	918	35	5 779	-179.8	857.8	1979	1998-12 GPP
16	1.00	0.180	0.45	0.90	42	969	32	7 840	-111.3	902.5	1989	1996-07
64	6.73	0.170	0.36	0.87	56	925	51	11 897	-868.9	1 708.7	1995	1996-05
700	6.90	0.080	0.20	0.80	27	959	49	12 234	-804.1	1 572.0	1995	1998-12 GPP
16	2.47	0.320	0.20	0.99	9	990	27	5 408	-10.8	639.0	1977	1987-12 ABAND 1989
16	5.00	0.240	0.06	0.84	61	914	77		-1 410.0	2 454.0	1997	1998-09 ABAND 1998
16	6.40	0.210	0.40	0.82	80	910	38	8 416	10.0	863.7	1968	1975-10 ABAND 1974
64	2.20	0.280	0.34	0.95	11	927	29	4 932	68.8	617.1	1974	1995-01 GPP
32	3.90	0.200	0.46	0.95	17	914	35	10 395	-216.5	993.4	1991	1992-06 ABAND 1992
800	3.20	0.220	0.39	0.89	50	920	33	10 411	-278.9	1 017.7	1963	1997-09 GPP
128	3.26	0.220	0.43	0.90	40	892	32	9 306	-234.9	998.7	1965	1997-12 GPP
64	8.00	0.200	0.38	0.91	43	914	30		100.0	100.0	1958	1997-11
16	8.53	0.220	0.39	0.93	32	940	34	10 497	-255.6	1 004.5	1972	1998-08 ABAND 1998
32	5.56	0.207	0.42	0.90	48	892	33	10 374	-264.9	1 021.7	1972	1992-11 ABAND 1983
64	4.03	0.184	0.42	0.90	47	927	33	9 146	-230.4	964.4	1972	1996-08 ABAND 1981
32	4.40	0.180	0.40	0.90	42	922	32	10 272	-222.2	969.7	1982	1983-09 ABAND 1988
16	11.20	0.190	0.40	0.89	45	928	33	10 487	-220.1	972.0	1983	1991-12 GPP
32	1.75	0.230	0.30	0.89	47	923	33	10 473	-225.8	972.6	1983	1985-12 ABAND 1990
32	4.80	0.170	0.48	0.90	42	918	31	10 339	-220.8	994.0	1986	1986-06 ABAND 1990
16	6.90	0.260	0.41	0.95	19	941	32	9 533	-211.8	969.6	1992	1993-10 ABAND 1992
32	2.44	0.170	0.48	0.90	42	918	31	9 300	-234.1	1 010.1	1945	1996-12 ABAND 1952
32	4.00	0.200	0.38	0.91	44	914	30	9 915	-241.1	997.8	1996	1997-08
32	3.00	0.200	0.38	0.91	44	914	30		-229.0	979.2	1996	1997-09
32	3.00	0.200	0.38	0.91	44	914	30		-235.5	985.6	1996	1997-09
16	4.50	0.220	0.38	0.91	45	914	30			1 012.0	1997	1998-04
544	6.01	0.070	0.15	0.88	50	881	31	10 289	-233.6	1 012.7	1946	1995-12 GPP
16	8.70	0.110	0.60	0.90	44	945	31	10 531	-230.5	1 025.0	1982	1988-12 ABAND 1983
32	5.00	0.123	0.63	0.90	43	910	32	10 856	-250.3	1 043.5	1986	1992-09 ABAND 1990
32	8.00	0.140	0.45	0.95	19	919	33	10 847	-237.8	1 017.6	1991	1992-06 ABAND 1992
32	3.70	0.070	0.64	0.95	19	929	34	9 437	-239.6	1 025.9	1991	1992-11 ABAND 1992
16	15.00	0.090	0.65	0.95	16	914	41	9 449	-241.5	1 036.5	1991	1992-08 ABAND 1992
32	9.00	0.110	0.50	0.95	20	900	28	8 768	-230.8	982.0	1992	1994-12 ABAND 1994
64	3.60	0.100	0.40	0.95	43	900	32	9 014	-228.3	1 009.5	1945	1993-07 ABAND 1953
16	7.70	0.150	0.20	0.95	18	908	29	10 074	-227.4	979.4	1994	1995-08 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PRINCESS 020-11W4 (CONTINUED) JEFFERSON A	531.0	0.10		53.1		53.1	53.1	4
FIELD TOTAL	9 110.4			948.2		948.2	692.4	255.8
PROVOST 036-07W4								
MANNVILLE V	127.0	0.01		1.3		1.3	0.4	0.9
UPPER MANNVILLE A	13 710.0	0.03		411.0		411.0	243.8	167.2
UPPER MANNVILLE B	21 220.0	0.08		1 698.0		1 698.0	1 387.9	310.1
UPPER MANNVILLE C	891.0	0.09		80.2		80.2	71.1	9.1
UPPER MANNVILLE M	250.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE U	39.1	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE BB	22 270.0	0.15		3 341.0		3 341.0	1 432.3	1 908.7
UPPER MANNVILLE JJ	1 477.0	0.10		148.0		148.0	8.7	139.3
UPPER MANNVILLE KK	112.0	<0.01		0.1		0.1		0.1
UPPER MANNVILLE LL	44.7	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE VV	33.6	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE XX	53.9	<0.06		3.0		3.0	3.0	
UPPER MANNVILLE O & NN	44.2	<0.04		1.4		1.4	1.4	
UPPER MANNVILLE E2E, & LOWER MANN FF	44.4	<0.03		1.0		1.0	0.9	0.1
UPPER MANNVILLE FFF	226.0	0.25		56.5		56.5	28.3	28.2
UPPER MANNVILLE III	213.0	<0.04		6.5		6.5	6.5	
UPPER MANNVILLE KKK	113.0	0.06		6.8		6.8	4.6	2.2
UPPER MANNVILLE MMM	171.0	0.10		17.1		17.1	8.3	8.8
UPPER MANNVILLE NNN	47.8	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE OOO	146.0	<0.02		2.8		2.8	2.8	
UPPER MANNVILLE RRR	1 594.0	0.10		159.0		159.0	80.7	78.3
UPPER MANNVILLE TTT	40.0	0.07		2.8		2.8	2.8	
UPPER MANNVILLE UUU	64.7	<0.05		2.7		2.7	2.7	
UPPER MANNVILLE YYY	48.8	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE S2S	116.0	<0.02		1.6		1.6	1.6	
UPPER MANNVILLE T2T	125.0	0.05		6.3		6.3	6.3	
UPPER MANNVILLE V2V	39.3	<0.04		1.4		1.4	1.4	
UPPER MANNVILLE W2W	61.6	0.05		3.1		3.1	3.1	
UPPER MANNVILLE X2X	43.7	<0.02		0.8		0.8	0.8	
UPPER MANNVILLE Y2Y	126.0	<0.02		2.0		2.0	2.0	
UPPER MANNVILLE Z2Z	268.0	<0.01		2.5		2.5	2.5	
UPPER MANNVILLE A3A	135.0	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE B3B	122.0	<0.03		3.0		3.0	3.0	
UPPER MANNVILLE X3X	726.0	0.25		182.0		182.0	79.0	103.0
UPPER MANNVILLE Y3Y	158.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE A4A	13.0	<0.05		0.6		0.6	0.6	
UPPER MANNVILLE E4E	66.4	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE L4L	137.0	0.10		13.7		13.7	6.9	6.8
UPPER MANNVILLE U2U & LLOYDMINSTER T	536.0	0.08		42.9		42.9	32.9	10.0
UPPER MANNVILLE J5J	57.6	<0.03		1.6		1.6	1.6	
UPPER MANNVILLE U5U	312.0	0.20		62.4		62.4	18.9	43.5
UPPER MANNVILLE Y5Y	316.0	0.15		47.4		47.4	21.1	26.3
UPPER MANNVILLE M6M TOTAL	1 520.0			183.0	92.9	276.0	157.8	118.2
PRIMARY AREA	901.0	0.10		90.1		90.1		
WATER FLOOD AREA	619.0	0.15	0.15	92.9	92.9	186.0		
UPPER MANNVILLE N6N	226.0	0.05		11.3		11.3	3.6	7.7
UPPER MANNVILLE O6O	105.0	0.15		15.8		15.8	7.1	8.7
UPPER MANNVILLE P6P	113.0	<0.02		1.3		1.3	1.3	
UPPER MANNVILLE X6X	62.8	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE LLL & GLAUCONITIC HH	90.5	0.05		4.5		4.5	3.2	1.3
UPPER MANNVILLE P7P	38.7	<0.02		0.7		0.7	0.7	
UPPER MANNVILLE Q7Q	18.6	0.10		1.9		1.9	0.8	1.1
UPPER MANNVILLE T8T	19 720.0	0.04		789.0		789.0	765.6	23.4
UPPER MANNVILLE U8U	22 160.0	0.03		665.0		665.0	35.6	629.4
UPPER MANNVILLE Z8Z	330.0	<0.01		1.4		1.4	1.4	
COLONY A	81.9	<0.01		0.5		0.5	0.5	
COLONY B	309.0	<0.01		0.1		0.1	0.1	
COLONY D	24.3	<0.01		0.2		0.2	0.2	
COLONY F	46.0	0.07		3.2		3.2	2.5	0.7
COLONY G	52.7	<0.01		0.3		0.3	0.3	
COLONY J	43.4	0.10		4.3		4.3	1.1	3.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
					45	892	38	12 371	-467.5	1 209.2	1944	1967#01 ABAND 1969
16	3.50	0.290	0.18	0.95	20	934	30	5 835	-114.0	787.9	1977	1997-11 GPP
1 675	3.80	0.300	0.26	0.97	12	965	27	6 800	-105.9	780.0	1969	1998-12 GPP
727	11.42	0.310	0.15	0.97	11	979	24	6 371	-130.0	822.5	1952	1995-07 GPP
270	1.70	0.290	0.31	0.97	16	921	26	5 814	-75.0	780.6	1973	1998-12 GPP
16	6.55	0.300	0.18	0.97	14	972	27	7 214	-118.5	822.7	1978	1978-12
16	2.10	0.240	0.50	0.97	12	969	30	6 064	-172.4	915.5	1977	1980-11
1 165	8.01	0.300	0.18	0.97	10	980	26	5 402	-33.9	748.4	1977	1997-02 GPP
162	4.38	0.290	0.26	0.97	12	980	23	5 401	-35.0	734.3	1981	1997-08 GPP
16	3.20	0.300	0.25	0.97	14	980	29	6 792	-105.0	820.4	1981	1983-12 ABAND 1983
16	2.00	0.240	0.40	0.97	17	960	26	6 174	-142.2	933.8	1981	1987-12 ABAND 1997
16	1.70	0.250	0.49	0.97	10	988	29	5 776	-45.0	772.7	1982	1998-12 GPP
32	1.00	0.270	0.35	0.96	16	934	30	5 166	-100.0	768.5	1981	1983-12 ABAND 1988
16	2.47	0.210	0.45	0.97	9	952	34	8 491	-265.2	1 040.9	1977	1997-12
16	3.20	0.170	0.40	0.85	24	872	41	7 368	-305.0	1 156.1	1974	1997-12 GPP
12	12.38	0.230	0.32	0.97	9	957	34	6 679	-160.9	914.8	1983	1991-01 GPP
64	2.87	0.230	0.48	0.97	11	922	28	5 900	-137.6	881.1	1983	1995-06 ABAND 1994
32	2.50	0.270	0.45	0.95	11	889	31	6 100	-109.5	789.8	1984	1997-12 GPP
32	3.20	0.290	0.40	0.96	15	911	27	6 950	-96.4	886.1	1984	1985-03 GPP
16	2.00	0.280	0.45	0.97	11	950	32	6 294	-53.6	759.0	1981	1987-12
16	8.00	0.235	0.50	0.97	11	910	32	5 803	-98.0	833.6	1984	1996-07 GPP
249	3.88	0.270	0.37	0.97	12	990	27	5 523	-95.3	779.6	1983	1992-12 GPP
32	2.00	0.190	0.63	0.89	45	898	34	5 943	-115.8	799.5	1984	1992-10 ABAND 1992
16	5.20	0.190	0.54	0.89	45	898	35	6 099	-117.4	802.3	1984	1996-07 ABAND 1997
16	3.00	0.230	0.54	0.96	15	910	30	5 510	-95.4	778.3	1984	1985-10 ABAND 1985
16	4.60	0.270	0.40	0.97	15	979	26	5 593	-31.1	743.3	1981	1988-12
16	3.60	0.290	0.23	0.97	15	990	26	5 969	-112.2	766.8	1980	1997-11 ABAND 1997
16	1.50	0.260	0.35	0.97	15	980	29	5 873	-112.1	817.0	1981	1988-12 ABAND 1989
16	2.10	0.270	0.30	0.97	12	965	28	5 722	-127.6	844.8	1977	1989-12 ABAND 1992
16	1.80	0.230	0.32	0.97	13	959	28	5 936	-143.0	885.8	1977	1977-06 ABAND 1987
64	4.70	0.180	0.73	0.86	55	874	38	6 467	-306.1	1 150.4	1984	1996-07 GPP
16	12.37	0.230	0.36	0.92	32	916	32	6 832	-221.0	961.8	1982	1996-07
64	1.80	0.200	0.35	0.90	40	860	32	5 872	-142.4	877.6	1984	1985-10 ABAND 1988
16	5.50	0.290	0.49	0.94	24	908	24	5 921	-67.2	759.3	1985	1996-07 GPP
100	3.60	0.270	0.23	0.97	13	985	31	5 652	-70.1	734.0	1987	1997-12 GPP
16	10.80	0.170	0.44	0.96	13	985	31	7 165	-258.1	1 045.4	1987	1992-03 ABAND 1992
16	0.80	0.180	0.41	0.96	13	985	31	7 250	-204.0	955.9	1988	1994-12 ABAND 1993
16	2.00	0.270	0.20	0.96	13	985	31	5 273	-20.1	688.6	1988	1989-08 ABAND 1989
16	5.40	0.240	0.31	0.96	13	985	31	6 883	-221.2	958.3	1988	1989-11 GPP
227	1.74	0.220	0.33	0.92	32	871	32	6 297	-185.5	946.5	1985	1994-12 GPP
16	3.10	0.220	0.45	0.96	13	985	31	6 152	-162.7	910.0	1990	1996-07 GPP
130	1.80	0.230	0.37	0.92	13	985	31	6 231	-202.6	949.4	1991	1997-09 GPP
64	3.50	0.250	0.38	0.91	33	869	39	6 704	-193.8	957.2	1991	1993-02 GPP
639					34	865	34	6 896	-202.6	979.8	1991	1996-09
387	1.72	0.236	0.37	0.91								GPP
252	1.65	0.244	0.33	0.91								GPP
64	3.40	0.190	0.40	0.91	35	892	32	6 790	-211.0	999.1	1978	1991-07 GPP
8	8.40	0.230	0.25	0.91	34	865	34	5 705	-185.3	929.8	1992	1995-01 GPP
16	8.00	0.180	0.49	0.96	13	985	31	6 751	-256.8	983.5	1992	1996-03 ABAND 1995
4	9.50	0.270	0.32	0.90	40	968	34	5 849	-3.6	671.0	1992	1996-07 GPP
16	4.50	0.240	0.46	0.97	11	904	32	6 745	-168.1	931.8	1984	1998-12 GPP
4	6.50	0.240	0.36	0.97	12	942	27	4 345	-12.2	709.8	1993	1994-12 ABAND 1994
4	2.00	0.300	0.20	0.97	12	941	27	9 140	-25.9	698.5	1993	1994-04 GPP
827	9.37	0.320	0.18	0.97	11	979	24	6 612	-305.7	980.9	1983	1995-07 GPP
996	9.10	0.300	0.16	0.97	11	979	24	6 523	-136.0	855.8	1973	1998-01
64	2.45	0.300	0.27	0.96	13	985	31	4 562	-10.6	718.6	1993	1998-12
16	4.00	0.240	0.45	0.97	12	930	27	4 884	-23.2	691.5	1982	1988-12
16	8.00	0.300	0.17	0.97	12	976	28	5 438	-26.1	699.0	1983	1985-12 ABAND 1986
16	1.30	0.250	0.48	0.90	20	960	29	5 286	-23.1	698.7	1987	1988-03 ABAND 1989
32	0.90	0.280	0.40	0.95	20	900	29	5 516	-50.5	742.0	1989	1993-12 GPP
16	2.00	0.300	0.39	0.90	47	948	25	5 237	-29.8	706.8	1988	1990-10 ABAND 1991
16	1.40	0.300	0.32	0.95	21	900	28	4 752	-9.1	703.7	1990	1994-09

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PROVOST 036-07W4 (CONTINUED)								
COLONY W	36.8	0.10		3.7		3.7	0.8	2.9
COLONY C & LLOYDMINSTER BBB	90.6	<0.02		1.8		1.8	1.8	
SPARKY A	103.0	0.03		3.1		3.1	3.1	
SPARKY B	106.0	<0.02		1.7		1.7	1.7	
SPARKY C TOTAL	637.0			17.8	12.0	29.8	18.8	11.0
PRIMARY AREA	237.0	<0.03		5.8		5.8		
WATER FLOOD AREA	400.0	0.03	0.03	12.0	12.0	24.0		
SPARKY D	154.0	0.10		15.4		15.4	10.8	4.6
SPARKY F	58.8	<0.03		1.6		1.6	1.6	
SPARKY G	15.8	0.30		4.7		4.7	3.9	0.8
SPARKY I	46.6	0.10		4.7		4.7	1.6	3.1
SPARKY K	65.4	0.15		9.8		9.8	4.1	5.7
SPARKY N	75.8	0.15		11.4		11.4	2.3	9.1
SPARKY Q	139.0	0.15		20.9		20.9	5.6	15.3
SPARKY S	91.4	0.10		9.1		9.1	0.8	8.3
SPARKY U	90.7	0.10		9.1		9.1	0.4	8.7
SPARKY V	39.3	0.05		2.0		2.0	0.4	1.6
SPARKY X	84.8	0.05		4.2		4.2	0.6	3.6
GENERAL PETROLEUM A	31.1	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM B	459.0	0.03		13.8		13.8	7.2	6.6
GENERAL PETROLEUM C	65.3	0.10		6.5		6.5	1.6	4.9
GENERAL PETROLEUM D	118.0	0.10		11.8		11.8	0.9	10.9
GENERAL PETROLEUM E	203.0	0.10		20.3		20.3	1.4	18.9
REX F	74.7	0.10		7.5		7.5	3.7	3.8
REX G	31.4	<0.01		0.2		0.2	0.2	
REX H	111.0	0.25		27.8		27.8	14.0	13.8
REX L	83.0	0.10		8.3		8.3	1.5	6.8
REX T	102.0	0.10		10.2		10.2	1.9	8.3
REX U	1 038.0	0.05		51.9		51.9	35.4	16.5
LLOYDMINSTER A	684.0	<0.02		7.3		7.3	7.3	
LLOYDMINSTER G	99.8	<0.01		0.1		0.1	0.1	
LLOYDMINSTER H	88.9	0.20		17.8		17.8	15.2	2.6
LLOYDMINSTER I	60.5	<0.02		1.1		1.1	1.1	
LLOYDMINSTER L	95.5	<0.01		0.8		0.8	0.8	
LLOYDMINSTER N	248.0	<0.01		0.5		0.5	0.5	
LLOYDMINSTER O TOTAL	10 080.0			2 465.0	2 572.0	5 037.0	4 477.0	560.0
PRIMARY AREA	553.0	0.15		83.0		83.0		
WATER FLOOD AREA	9 526.0	0.25	0.27	2 382.0	2 572.0	4 954.0		
LLOYDMINSTER P	37.2	<0.07		2.3		2.3	2.3	
LLOYDMINSTER Q	40.7	<0.01		0.1		0.1	0.1	
LLOYDMINSTER R	503.0	0.05		25.2		25.2	16.8	8.4
LLOYDMINSTER U	538.0	0.40		215.0		215.0	207.9	7.1
LLOYDMINSTER W	279.0	0.05		14.0		14.0	12.5	1.5
LLOYDMINSTER AA	1 000.0	0.25		250.0		250.0	185.2	64.8
LLOYDMINSTER CC	976.0	0.05		48.8		48.8	27.8	21.0
LLOYDMINSTER DD	3 052.0			764.0	897.0	1 661.0	1 432.6	228.4
TOTAL								
PRIMARY AREA	414.0	0.25		104.0		104.0		
WATER FLOOD AREA	2 638.0	0.25	0.34	660.0	897.0	1 557.0		
LLOYDMINSTER EE	404.0	0.25		101.0		101.0	60.9	40.1
LLOYDMINSTER GG	57.5	<0.10		5.7		5.7	5.7	
LLOYDMINSTER II	45.6	0.15		6.8		6.8	3.9	2.9
LLOYDMINSTER LL	505.0	0.13		65.7		65.7	57.1	8.6
LLOYDMINSTER MM	879.0	0.50		440.0		440.0	240.9	199.1
LLOYDMINSTER NN	165.0	0.25		41.3		41.3	33.0	8.3
LLOYDMINSTER OO	29.0	<0.13		3.5		3.5	3.5	
LLOYDMINSTER QQ	544.0	0.25		136.0		136.0	69.2	66.8
LLOYDMINSTER TT	31.4	0.20		6.3		6.3	5.0	1.3
LLOYDMINSTER UU	1 623.0	0.45		730.0		730.0	547.7	182.3
LLOYDMINSTER VV	280.0	0.40		112.0		112.0	100.1	11.9
LLOYDMINSTER YY	117.0	<0.03		2.8		2.8	2.8	
CUMMINGS N & LLOYDMINSTER S & X	3 478.0	0.20		696.0		696.0	361.6	334.4
LLOYDMINSTER VVV & CUMMINGS D3D	735.0	0.30		221.0		221.0	110.0	111.0
LLOYDMINSTER FFF	111.0	<0.01		0.1		0.1	0.1	
LLOYDMINSTER III	66.5	<0.03		1.5		1.5	1.5	
LLOYDMINSTER JJJ	223.0	0.03		6.7		6.7	6.7	
LLOYDMINSTER KKK	292.0	0.30		87.6		87.6	61.1	26.5

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	1.40	0.270	0.36	0.95	21	900	28			825.8	1993	1998-02
16	3.66	0.290	0.42	0.92	10	918	31	5 120	-15.4	719.9	1985	1993-12 ABAND 1993
16	5.00	0.240	0.44	0.96	15	920	27	4 323	-59.2	727.9	1986	1996-07 ABAND 1996
16	4.00	0.250	0.31	0.96	13	985	31	6 089	-53.9	749.8	1985	1994-12 ABAND 1994
184					13	985	31	6 248	-70.2	739.6	1988	1997-01 GPP
89	1.54	0.273	0.34	0.96								
95	2.88	0.267	0.43	0.96								
40	1.86	0.270	0.20	0.96	13	985	31	6 200	-55.9	757.6	1988	1997-03 GPP
16	2.70	0.270	0.44	0.90	37	890	30	6 608	-108.7	847.7	1988	1994-11 ABAND 1994
4	1.80	0.290	0.21	0.96	13	985	31	5 764	-92.4	852.4	1992	1997-12 GPP
16	1.50	0.290	0.31	0.97	10	914	28	4 164	-43.5	739.3	1992	1993-05 GPP
16	2.52	0.260	0.35	0.96	18	985	31	4 284	-66.1	735.8	1995	1996-08 GPP
8	4.50	0.310	0.30	0.97	13	892	27	4 172	-78.9	735.3	1995	1996-04 GPP
32	2.11	0.320	0.33	0.96	20	941	26	5 744	-79.9	748.9	1996	1996-12 GPP
16	3.80	0.250	0.38	0.97	12	934	29	4 325	-70.6	758.5	1996	1997-02 GPP
8	7.90	0.230	0.35	0.96	15	909	29			758.4	1995	1998-07
8	2.30	0.300	0.25	0.95	22	930	32			758.6	1992	1998-07 GPP
8	7.80	0.240	0.41	0.96	17	900	35		-118.0	840.4	1973	1998-10 GPP
16	1.40	0.260	0.45	0.97	11	944	28	6 343	-84.6	772.7	1983	1988-01 ABAND 1991
32	7.70	0.280	0.30	0.95	18	889	34	5 977	-116.2	856.2	1988	1989-01 GPP
8	5.00	0.270	0.37	0.96	18	985	31			751.8	1992	1997-03 GPP
8	9.50	0.240	0.32	0.95	20	901	30			770.0	1997	1998-11
16	10.00	0.240	0.45	0.96	21	895	25			787.5	1997	1998-07
16	3.60	0.230	0.40	0.94	21	933	40	6 480	-201.7	995.1	1993	1993-10 GPP
4	6.50	0.210	0.40	0.96	15	935	30	4 873	-98.7	782.1	1994	1995-08 ABAND 1998
48	1.49	0.270	0.40	0.96	24	916	28	2 749	-88.8	778.2	1995	1997-12 GPP
16	3.00	0.280	0.35	0.95	19	935	28	7 792	-202.5	974.5	1995	1996-08 GPP
8	8.00	0.250	0.33	0.95	21	914	28			809.5	1997	1998-04 GPP
111	7.46	0.220	0.40	0.95						810.8	1990	1998-08 GPP
64	7.70	0.220	0.35	0.97	38	905	17	6 205	-136.8	806.3	1979	1982-12 ABAND 1991
16	3.50	0.330	0.40	0.90	42	964	30	6 254	-131.7	905.8	1984	1984-11 ABAND 1984
32	1.50	0.290	0.29	0.90	27	902	28	5 266	-92.8	792.6	1984	1993-04 GPP
32	1.00	0.300	0.30	0.90	42	902	30	5 197	-96.1	789.0	1984	1996-02 ABAND 1995
16	3.70	0.280	0.40	0.96	25	937	30	5 596	-117.7	782.9	1984	1985-03 ABAND 1987
48	3.01	0.300	0.41	0.97	11	970	30	5 571	-108.3	790.9	1984	1992-10
1 315					17	911	28	5 309	-87.7	791.3	1975	1998-12
130	1.78	0.300	0.17	0.96								
1 185	3.23	0.305	0.15	0.96								
16	1.20	0.300	0.29	0.91	25	902	26	5 065	-95.7	759.1	1984	1996-07 GPP
16	1.30	0.320	0.32	0.90	43	900	27	5 057	-94.7	782.9	1984	1996-07 GPP
64	4.30	0.290	0.35	0.97	15	880	23	5 634	-115.4	807.8	1986	1986-11 GPP
100	2.10	0.310	0.13	0.95	11	904	28	4 336	-90.7	793.1	1987	1996-04 GPP
64	1.99	0.300	0.23	0.95	21	900	28	5 690	-106.4	780.2	1987	1992-05 GPP
209	2.98	0.280	0.39	0.94	22	905	27	6 228	-104.6	779.1	1988	1998-08 GPP
184	3.07	0.300	0.40	0.96	10	918	31	6 224	-103.7	771.4	1988	1997-09 GPP
405					44	931	28	5 520	-91.1	769.0	1969	1996-09 GPP
136	1.34	0.300	0.22	0.97								
269	4.32	0.300	0.22	0.97								
65	2.70	0.300	0.20	0.96	23	910	24	5 563	-82.0	747.4	1969	1995-12 GPP
16	2.19	0.280	0.39	0.96	10	908	31	5 426	-91.0	764.8	1985	1996-07 ABAND 1998
16	2.20	0.270	0.50	0.96	10	918	31	5 622	-120.7	801.4	1989	1993-12 GPP
32	6.30	0.310	0.14	0.94	22	905	27	5 213	-98.9	790.7	1990	1998-12 GPP
80	4.25	0.310	0.14	0.97	10	918	31	6 190	-100.3	792.5	1990	1998-12 GPP
31	2.36	0.290	0.20	0.97	10	918	31	5 137	-93.6	781.1	1990	1998-03
4	3.30	0.290	0.22	0.97	10	919	31	5 512	-76.3	751.1	1989	1995-10 ABAND 1995
48	5.15	0.300	0.22	0.94	22	905	27	8 122	-179.8	954.2	1991	1995-12 GPP
12	1.26	0.330	0.33	0.94	20	893	29	6 416	-100.5	819.5	1989	1992-10 GPP
232	3.18	0.310	0.22	0.91	33	900	33	8 203	-189.3	973.4	1992	1998-12 GPP
50	3.15	0.300	0.39	0.97	12	994	27	5 630	-127.5	791.6	1992	1996-09 GPP
16	4.70	0.230	0.29	0.95	11	905	28	5 832	-180.5	931.4	1991	1996-07 GPP
472	4.36	0.290	0.38	0.94	15	920	32	5 730	-125.3	805.3	1985	1996-04 GPP
95	3.60	0.310	0.27	0.95	22	905	27	5 431	-99.4	766.3	1995	1998-12 GPP
16	4.50	0.250	0.35	0.95	18	905	28	5 696	-98.8	799.1	1993	1996-07 ABAND 1998
8	4.50	0.280	0.32	0.97	10	918	31	5 085	-116.7	809.8	1994	1998-12 GPP
16	5.50	0.310	0.14	0.95	10	918	31	5 323	-113.9	799.3	1993	1998-12 GPP
40	3.20	0.300	0.19	0.94	21	900	28	4 941	-98.9	759.0	1994	1995-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PROVOST 036-07W4 (CONTINUED)								
LLOYDMINSTER MMM	448.0			80.3	52.4	133.0	61.6	71.4
TOTAL								
PRIMARY AREA	186.0	0.15		27.9		27.9		
WATER FLOOD AREA	262.0	0.20	0.20	52.4	52.4	105.0		
LLOYDMINSTER PPP	153.0	0.15		23.0		23.0	4.8	18.2
LLOYDMINSTER SSS	223.0	0.10		22.3		22.3	9.4	12.9
LLOYDMINSTER TTT	32.8	0.30		9.8		9.8	4.1	5.7
LLOYDMINSTER WWW	78.2	0.25		19.6		19.6	7.6	12.0
LLOYDMINSTER A2A	158.0	0.25		39.5		39.5	21.1	18.4
LLOYDMINSTER D2D	493.0	0.40		197.0		197.0	101.0	96.0
LLOYDMINSTER U2U	51.7	0.05		2.6		2.6	0.1	2.5
LLOYDMINSTER X2X	43.1	0.20		8.6		8.6	3.7	4.9
LLOYDMINSTER C3C	439.0	0.30	0.10	132.0	43.9	176.0	83.4	92.6
WATER FLOOD								
LLOYDMINSTER D3D	45.2	0.10		4.5		4.5	0.2	4.3
LLOYDMINSTER H3H	33.1	0.20		6.6		6.6	0.6	6.0
LLOYDMINSTER K3K	193.0	0.10		19.3		19.3	3.0	16.3
GLAUCONITIC C	266.0	0.06		16.0		16.0	12.0	4.0
GLAUCONITIC D	110.0	0.09		9.9		9.9	7.8	2.1
GLAUCONITIC F	138.0	0.20		27.6		27.6	22.5	5.1
GLAUCONITIC G	49.3	0.20		9.9		9.9	2.8	7.1
GLAUCONITIC H	112.0	0.04		4.5		4.5	2.9	1.6
GLAUCONITIC I	136.0	0.02		2.7		2.7	0.7	2.0
GLAUCONITIC J	57.2	<0.01		0.3		0.3	0.3	
GLAUCONITIC O	43.1	0.20		8.6		8.6	3.2	5.4
GLAUCONITIC AA	44.7	0.10		4.5		4.5	3.1	1.4
GLAUCONITIC EE	121.0	0.10		12.1		12.1	6.6	5.5
GLAUCONITIC GG	65.7	0.15		9.9		9.9	0.9	9.0
CUMMINGS C	243.0	<0.01		0.1		0.1	0.1	
CUMMINGS D	14.3	<0.01		0.1		0.1	0.1	
CUMMINGS I	12 980.0	0.45		5 841.0		5 841.0	3 733.7	2 107.3
CUMMINGS L	140.0	0.01		1.4		1.4	1.4	
CUMMINGS S	2 572.0	0.20		514.0		514.0	378.9	135.1
CUMMINGS U	137.0	<0.01		0.1		0.1	0.1	
CUMMINGS V	200.0	<0.08		14.4		14.4	14.4	
CUMMINGS W	175.0	<0.05		8.6		8.6	8.6	
CUMMINGS Z	22.9	<0.01		0.1		0.1	0.1	
CUMMINGS DD	20.4	<0.01		0.1		0.1	0.1	
CUMMINGS JJ	52.9	<0.01		0.1		0.1	0.1	
CUMMINGS QQ	221.0	<0.21		45.6		45.6	45.6	
CUMMINGS SS	63.5	<0.08		4.8		4.8	4.8	
CUMMINGS TT	98.0	<0.04		3.0		3.0	3.0	
CUMMINGS VV	117.0	<0.03		2.4		2.4	2.4	
CUMMINGS WW	112.0	<0.03		2.5		2.5	2.5	
CUMMINGS XX	65.4	<0.05		3.1		3.1	3.1	
CUMMINGS ZZ	62.0	0.20		12.4		12.4	8.6	3.8
CUMMINGS BBB	47.5	0.15		7.1		7.1	7.0	0.1
CUMMINGS CCC	172.0	<0.12		20.6		20.6	20.6	
CUMMINGS DDD	65.7	0.01		0.7		0.7	0.7	
CUMMINGS GGG	15.2	<0.09		1.3		1.3	1.3	
CUMMINGS III	157.0	<0.03		4.0		4.0	4.0	
CUMMINGS JJJ	10.5	0.02		0.2		0.2	0.2	
CUMMINGS LLL	25.5	<0.01		0.1		0.1	0.1	
CUMMINGS MMM	51.7	0.05		2.6		2.6	0.1	2.5
CUMMINGS NNN	510.0	0.11		56.1		56.1	53.0	3.1
CUMMINGS QQQ	42.1	<0.02		0.7		0.7	0.7	
CUMMINGS SSS	16.3	<0.10		1.6		1.6	1.6	
CUMMINGS TTT	223.0	<0.10		20.7		20.7	20.7	
CUMMINGS VVV	1 299.0	0.20		260.0		260.0	123.8	136.2
CUMMINGS XXX	66.3	0.10		6.6		6.6	1.0	5.6
CUMMINGS YYY	37.3	<0.05		1.7		1.7	1.7	
CUMMINGS ZZZ	147.0	0.30		44.1		44.1	24.8	19.3
CUMMINGS A2A	646.0	0.20		129.0		129.0	51.7	77.3
CUMMINGS B2B	1 096.0	0.10		110.0		110.0	59.9	50.1
CUMMINGS C2C	175.0	0.25		43.8		43.8	37.6	6.2
CUMMINGS D2D	30.6	<0.02		0.4		0.4	0.4	
CUMMINGS E2E	83.6	<0.02		1.1		1.1	1.1	
CUMMINGS F2F	223.0	0.10		22.3		22.3	6.4	15.9
CUMMINGS I2I	42.6	<0.01		0.1		0.1	0.1	
CUMMINGS J2J	42.2	<0.02		0.8		0.8	0.8	
CUMMINGS L2L	45.3	<0.02		0.5		0.5	0.5	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
140					10	918	31	5 239	-89.1	770.7	1992	1998-01
74	1.09	0.300	0.20	0.96								
66	1.72	0.300	0.20	0.96								
65	1.22	0.290	0.29	0.94	22	905	27	5 274	-82.8	771.3	1994	1995-12 GPP
16	5.50	0.310	0.15	0.96	10	908	31	5 585	-116.4	797.3	1994	1995-11 GPP
16	1.40	0.280	0.45	0.95	19	935	28	3 494	-92.2	753.8	1995	1995-11 GPP
20	2.88	0.220	0.35	0.95	18	905	28	5 510	-221.9	993.0	1995	1997-01 GPP
32	2.40	0.280	0.22	0.94	20	893	29	4 323	-128.9	793.7	1993	1998-12 GPP
92	2.24	0.300	0.16	0.95	19	935	28	5 219	-98.5	783.9	1996	1998-07 GPP
16	1.80	0.270	0.30	0.95	19	935	28	5 027	-97.2	770.9	1996	1997-03 GPP
8	2.70	0.300	0.30	0.95	19	935	28	4 112	-126.0	802.2	1996	1997-06 GPP
45	3.82	0.320	0.16	0.95	19	935	28		-91.7	791.4	1997	1997-12 GPP
16	2.00	0.240	0.38	0.95	18	905	28	6 383	-140.9	817.0	1994	1997-10 GPP
16	1.30	0.270	0.38	0.95	18	905	28			816.9	1993	1998-07 GPP
32	3.37	0.290	0.35	0.95	19	935	28		-131.1	816.4	1997	1998-11 GPP
32	5.47	0.230	0.32	0.97	30	894	35	7 300	-295.9	1 026.0	1992	1998-12 GPP
16	5.00	0.240	0.39	0.94	27	892	33	5 471	-198.1	961.8	1991	1998-12 GPP
16	6.00	0.240	0.34	0.91	34	865	34	5 789	-177.4	929.5	1993	1993-05 GPP
16	2.70	0.220	0.43	0.91	34	865	34	7 581	-319.8	1 025.5	1993	1993-10 GPP
16	3.90	0.260	0.24	0.91	34	865	34	6 758	-234.4	969.7	1993	1998-12 GPP
16	4.30	0.260	0.21	0.96	13	985	31	6 771	-239.3	974.2	1993	1997-12 GPP
16	2.40	0.240	0.36	0.97	7	915	27	6 638	-221.0	959.6	1993	1996-07 GPP
16	2.00	0.230	0.37	0.93	23	898	47	5 622	-331.7	1 113.3	1995	1996-07 GPP
8	3.65	0.230	0.30	0.95	19	935	28	6 434	-223.3	952.5	1983	1997-11 GPP
12	5.75	0.260	0.29	0.95	19	935	28		-224.0	957.1	1997	1997-11 GPP
16	4.00	0.180	0.40	0.95	23	915	29			973.1	1988	1998-04 GPP
16	7.00	0.280	0.20	0.97	11	988	26	5 871	-114.0	840.5	1982	1985-12 ABAND 1992
16	0.70	0.240	0.45	0.97	11	931	26	6 028	-128.6	843.7	1983	1984-01 ABAND 1990
1 561	3.80	0.290	0.18	0.92	25	910	29	5 672	-107.1	797.2	1984	1998-12 GPP
16	4.00	0.300	0.25	0.97	13	990	27	6 211	-137.1	827.0	1983	1988-12 ABAND 1989
521	2.25	0.290	0.22	0.97	9	953	29	5 919	-137.4	813.1	1986	1998-09 GPP
32	2.80	0.240	0.33	0.95	11	905	28	4 976	-128.7	794.3	1987	1988-05 ABAND 1988
48	2.23	0.260	0.26	0.97	11	905	28	5 583	-119.3	788.4	1988	1995-06 ABAND 1995
64	1.77	0.250	0.35	0.95	11	905	28	5 457	-184.7	1 027.3	1988	1994-01 ABAND 1993
16	1.10	0.200	0.33	0.97	13	970	31	5 564	-118.0	781.6	1988	1988-07 ABAND 1988
16	1.20	0.200	0.44	0.95	11	905	28	5 871	-148.5	852.1	1988	1996-07 GPP
32	1.20	0.250	0.42	0.95	11	905	28	5 881	-147.4	848.8	1988	1992-12 ABAND 1992
80	1.78	0.230	0.29	0.95	11	905	28	6 371	-177.5	860.5	1988	1996-07 GPP
32	1.50	0.240	0.42	0.95	11	905	28	6 075	-162.9	906.6	1989	1996-07 GPP
16	4.00	0.260	0.38	0.95	11	905	28	6 081	-172.7	902.3	1989	1996-07 GPP
64	1.87	0.210	0.51	0.95	11	905	28	5 385	-174.7	857.0	1989	1994-11 ABAND 1994
64	1.00	0.270	0.33	0.97	7	956	29	5 671	-104.3	792.0	1981	1989-12 ABAND 1992
16	1.80	0.300	0.22	0.97	10	910	32	5 317	-92.2	778.6	1985	1996-07 ABAND 1994
24	2.18	0.240	0.48	0.95	11	905	28	5 820	-125.6	807.3	1989	1998-12 GPP
32	1.00	0.220	0.29	0.95	11	905	28	6 120	-147.4	855.5	1986	1990-09 GPP
85	1.25	0.250	0.32	0.95	11	905	28	6 089	-150.7	845.9	1990	1995-03 ABAND 1995
16	4.00	0.200	0.46	0.95	11	905	28	3 107	-166.6	855.9	1990	1995-03 ABAND 1994
4	2.80	0.250	0.43	0.95	11	905	28	5 924	-115.8	822.6	1990	1994-12 ABAND 1994
16	4.30	0.290	0.17	0.95	11	905	28	5 740	-151.8	850.8	1991	1996-07 GPP
4	1.50	0.270	0.32	0.95	11	905	28	5 847	-145.8	829.8	1991	1992-08 ABAND 1992
32	0.70	0.210	0.43	0.95	11	905	28	5 665	-163.0	931.4	1991	1992-11 ABAND 1992
16	2.00	0.270	0.37	0.95	11	905	28	5 593	-106.0	789.5	1991	1997-09 GPP
108	3.63	0.220	0.39	0.97	9	935	28	6 548	-165.0	867.2	1989	1998-12 GPP
32	1.40	0.220	0.55	0.95	11	905	28	5 936	-140.9	810.5	1991	1994-12 ABAND 1993
4	2.00	0.290	0.26	0.95	11	905	28	5 040	-117.9	793.8	1992	1996-07 GPP
64	2.14	0.260	0.34	0.95	11	905	28	6 182	-156.1	914.8	1992	1998-12 GPP
76	7.30	0.290	0.15	0.95	11	905	28	5 459	-125.7	794.8	1992	1995-09 GPP
8	3.85	0.300	0.26	0.97	11	905	28	5 524	-112.5	784.5	1992	1998-12 GPP
4	3.80	0.300	0.14	0.95	11	905	28	5 461	-119.4	788.4	1992	1996-07 GPP
68	1.66	0.250	0.45	0.95	11	905	28	5 657	-122.8	831.9	1989	1995-12 GPP
120	3.76	0.250	0.41	0.97	9	935	28	6 847	-191.4	964.6	1988	1993-02 GPP
121	3.89	0.300	0.20	0.97	9	935	28	5 538	-104.5	798.1	1985	1995-03 GPP
16	5.42	0.270	0.23	0.97	9	935	28	5 311	-109.9	839.9	1992	1997-12 GPP
4	4.60	0.250	0.30	0.95	11	905	28	6 239	-110.8	835.5	1992	1995-01 ABAND 1994
16	2.40	0.290	0.21	0.95	11	905	28	5 533	-110.7	782.4	1992	1996-07 GPP
32	3.40	0.270	0.20	0.95	11	905	28	5 558	-92.8	800.8	1993	1994-12 GPP
16	2.00	0.250	0.44	0.95	19	935	28	5 788	-137.6	796.8	1993	1995-04 ABAND 1994
16	1.80	0.230	0.33	0.95	11	905	28	5 797	-125.3	809.6	1993	1996-07 GPP
16	1.70	0.270	0.35	0.95	19	935	28	5 287	-139.1	801.2	1993	1995-01 ABAND 1994

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PROVOST 036-07W4 (CONTINUED)								
CUMMINGS Q20	143.0	<0.01		1.1		1.1	1.1	*
CUMMINGS T2T	17.2	<0.02		0.2		0.2	0.2	
CUMMINGS V2V	54.7	<0.01		0.3		0.3	0.3	
CUMMINGS W2W	286.0	0.30		85.8		85.8	45.4	40.4
CUMMINGS X2X	93.5	0.10	0.10	9.4	9.4	18.8	2.6	16.2
WATER FLOOD								
CUMMINGS Y2Y	12.3	<0.11		1.3		1.3	1.3	
CUMMINGS A3A	11.5	0.20		2.3		2.3		2.3
CUMMINGS C3C	37.2	0.25		9.3		9.3	3.2	6.1
CUMMINGS E3E	237.0	0.20		47.4		47.4	8.0	39.4
CUMMINGS F3F	69.4	0.15		10.4		10.4	8.9	1.5
CUMMINGS G3G	30.6	0.45		13.8		13.8	12.3	1.5
CUMMINGS H3H	67.4	0.10		6.7		6.7	2.2	4.5
CUMMINGS I3I	56.5	<0.01		0.1		0.1	0.1	
CUMMINGS J3J	37.2	0.20		7.4		7.4	2.2	5.2
CUMMINGS K3K	132.0	<0.01		1.3		1.3	1.3	
CUMMINGS L3L	88.5	0.10		8.9		8.9	0.1	8.8
CUMMINGS M3M	31.7	0.20		6.3		6.3	1.2	5.1
CUMMINGS N3N	224.0	0.25		56.0		56.0	24.6	31.4
CUMMINGS U3U	83.9	<0.01		0.5		0.5	0.5	
CUMMINGS V3V	40.1	0.15		6.0		6.0	0.2	5.8
CUMMINGS X3X	46.0	0.20		9.2		9.2	0.2	9.0
CUMMINGS Z3Z	7.7	0.15		1.2		1.2	0.2	1.0
CUMMINGS A4A	1 954.0	0.20		391.0		391.0	30.9	360.1
CUMMINGS B4B	71.1	0.05		3.6		3.6	0.1	3.5
CUMMINGS C4C	133.0	0.15		20.0		20.0	0.5	19.5
CUMMINGS D4D	16.5	0.25		4.1		4.1	2.4	1.7
CUMMINGS H4H	48.1	0.20		9.6		9.6	1.6	8.0
CUMMINGS I4I	21.0	0.20		4.2		4.2	1.0	3.2
CUMMINGS J4J	26.7	0.10		2.7		2.7	0.4	2.3
CUMMINGS K4K	12.6	0.15		1.9		1.9	0.9	1.0
CUMMINGS M4M	20.5	0.15		3.0		3.0	0.8	2.2
CUMMINGS N4N	84.5	0.25		21.1		21.1	4.7	16.4
CUMMINGS UU & DINA T2T	223.0	0.05		11.2		11.2	9.0	2.2
CUMMINGS 000,PPP & DINA E4E	253.0	<0.02		4.6		4.6	4.6	
CUMMINGS H2H & DINA MMM	113.0	0.10		11.3		11.3	6.2	5.1
CUMMINGS M & LLOYDMINSTER M	311.0	0.25		77.8		77.8	49.7	28.1
LOWER MANNVILLE A	226.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE C	169.0	<0.08		12.6		12.6	12.6	
LOWER MANNVILLE E	34.1	0.10		3.4		3.4	1.7	1.7
LOWER MANNVILLE J	90.9	<0.01		0.7		0.7	0.7	
LOWER MANNVILLE W	107.0	<0.05		4.5		4.5	4.5	
LOWER MANNVILLE AA	134.0	<0.11		14.2		14.2	14.2	
LOWER MANNVILLE BB	82.8	<0.08		6.4		6.4	6.4	
LOWER MANNVILLE MM	52.1	<0.05		2.4		2.4	2.4	
LOWER MANNVILLE RR	224.0	0.05		11.2		11.2	6.4	4.8
LOWER MANNVILLE TT	39.5	0.25		9.9		9.9	3.4	6.5
LOWER MANNVILLE PP	46.9	0.02		0.9		0.9	0.8	0.1
& D-2 B								
DINA A	3 498.0	0.30		1 049.0		1 049.0	998.9	50.1
DINA E	468.0	0.30		140.0		140.0	60.8	79.2
DINA F	37.3	<0.01		0.3		0.3	0.3	
DINA J	123.0	<0.01		0.9		0.9	0.9	
DINA K	132.0	<0.02		2.3		2.3	2.3	
DINA L	1 961.0	0.50		981.0		981.0	678.0	303.0
DINA M	58.6	0.20		11.7		11.7	10.6	1.1
DINA N	7 693.0	0.30		2 308.0		2 308.0	1 903.5	404.5
DINA O	5 265.0	0.25		1 316.0		1 316.0	915.6	400.4
DINA P	131.0	<0.01		0.3		0.3	0.3	
DINA Q	1 866.0	0.02		37.3		37.3	21.1	16.2
DINA R	962.0	<0.02		19.0		19.0	19.0	
DINA T	282.0	0.07		19.7		19.7	15.2	4.5
DINA U	181.0	<0.07		12.2		12.2	12.2	
DINA V	98.3	<0.01		0.4		0.4	0.4	
DINA BB	122.0	0.10		12.2		12.2	10.5	1.7
DINA EE	133.0	<0.01		0.4		0.4	0.4	
DINA FF	185.0	0.15		27.8		27.8	17.9	9.9

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	4.30	0.280	0.22	0.95	19	935	28	5 909	-90.2	807.6	1993	1998-12 GPP
4	1.80	0.300	0.16	0.95	21	900	28	5 744	-150.1	886.6	1994	1996-07 GPP
4	6.00	0.300	0.20	0.95	19	935	28	5 164	-101.0	771.0	1994	1996-07 GPP
78	1.85	0.290	0.28	0.95	19	935	28	5 577	-108.6	786.9	1994	1998-01 GPP
44	1.52	0.230	0.36	0.95	19	935	28	5 125	-96.7	770.9	1994	1996-06 GPP
4	2.00	0.270	0.40	0.95	19	935	28	5 390	-118.4	803.0	1994	1998-12 ABAND 1998
8	1.00	0.240	0.37	0.95	19	935	28	3 892	-92.4	782.5	1995	1995-11 GPP
16	1.70	0.240	0.40	0.95	11	905	28	4 811	-135.1	803.7	1990	1996-01 GPP
48	2.30	0.290	0.22	0.95	19	935	28	4 921	-93.1	789.5	1992	1996-02 GPP
16	2.70	0.260	0.35	0.95	19	935	28	5 162	-98.2	792.5	1995	1996-12 GPP
8	2.40	0.240	0.30	0.95	11	905	28	4 929	-93.7	809.2	1994	1997-12 GPP
16	1.80	0.290	0.15	0.95	23	931	28	5 450	-149.8	892.4	1995	1996-12 GPP
4	6.20	0.300	0.20	0.95	19	935	28	5 478	-97.9	796.0	1996	1998-12 GPP
8	2.50	0.280	0.30	0.95	19	935	28	4 969	-96.4	761.3	1996	1996-08 GPP
16	3.65	0.290	0.18	0.95	19	935	28	6 162	-131.7	831.4	1995	1998-12 GPP
8	5.20	0.280	0.20	0.95	19	935	28	3 941	-92.0	775.7	1996	1996-09 GPP
16	1.10	0.260	0.27	0.95	19	935	28	5 254	-135.7	817.9	1996	1996-09 GPP
24	3.60	0.310	0.12	0.95	19	935	28	5 300	-107.0	774.2	1995	1997-12 GPP
4	7.60	0.320	0.12	0.98	19	935	28		-117.8	836.2	1996	1998-12 GPP
16	2.00	0.240	0.45	0.95	19	935	34		-150.9	821.0	1997	1997-10 GPP
16	2.00	0.210	0.28	0.95	11	905	28	6 937	-118.4	781.5	1997	1997-11 GPP
16	0.50	0.260	0.61	0.95	19	935	28			803.3	1991	1998-02 GPP
101	7.40	0.320	0.14	0.95	19	935	28			808.1	1997	1998-06 GPP
4	6.50	0.320	0.10	0.95	19	935	28			750.7	1997	1998-10 GPP
16	3.80	0.300	0.23	0.95	11	966	28			793.9	1997	1998-05 GPP
8	1.10	0.270	0.29	0.98	35	920	28			971.0	1991	1998-06 GPP
8	2.70	0.340	0.31	0.95	19	935	28			780.2	1997	1998-11 GPP
16	0.90	0.240	0.36	0.95	19	935	28			955.0	1991	1998-07 GPP
8	1.70	0.280	0.22	0.90	19	935	28		-113.0	828.2	1981	1998-09 GPP
8	1.60	0.220	0.53	0.95	19	935	28		-153.0	860.2	1991	1998-09 GPP
8	1.40	0.250	0.23	0.95	19	935	28		-99.8	756.3	1993	1998-11 GPP
20	1.96	0.280	0.19	0.95	19	935	28		-100.4	773.7	1995	1998-11 GPP
32	4.70	0.240	0.35	0.95	11	905	28	6 312	-156.1	840.3	1989	1991-02 GPP
41	4.25	0.220	0.32	0.97	9	935	28	5 380	-199.9	945.1	1991	1998-12 GPP
12	4.85	0.270	0.26	0.97	9	935	28	5 660	-129.2	798.0	1988	1995-08 GPP
104	1.40	0.290	0.20	0.92	28	918	24	5 601	-105.4	793.7	1984	1994-05 GPP
64	4.31	0.130	0.30	0.90	43	874	38	7 278	-255.1	977.5	1977	1978-08 ABAND 1978
64	2.30	0.230	0.48	0.96	18	865	32	7 062	-235.0	1 028.1	1978	1996-07 GPP
16	1.80	0.210	0.40	0.94	27	917	32	5 947	-157.2	909.8	1976	1979-05 GPP
16	3.50	0.270	0.38	0.97	12	970	29	7 170	-110.4	783.8	1980	1981-01 ABAND 1982
16	5.30	0.240	0.45	0.96	13	876	32	7 132	-261.5	1 049.2	1982	1996-07 GPP
60	2.20	0.200	0.45	0.92	31	878	31	6 875	-273.2	1 052.8	1984	1996-07 GPP
16	3.66	0.240	0.36	0.92	31	878	31	7 315	-273.3	1 052.1	1985	1996-07 GPP
16	2.80	0.240	0.50	0.97	12	963	24	6 092	-147.7	915.3	1980	1988-12 ABAND 1997
32	4.20	0.220	0.22	0.97	7	915	27	5 839	-167.7	884.1	1972	1990-12 GPP
32	1.30	0.200	0.50	0.95	18	939	37	9 006	-287.2	1 067.7	1990	1992-03 GPP
16	3.10	0.180	0.41	0.89	38	890	32	6 425	-294.5	1 064.0	1986	1998-11 GPP
460	4.00	0.280	0.30	0.97	38	894	31	6 115	-113.8	792.0	1982	1990-12 GPP
40	6.99	0.250	0.31	0.97	11	960	30	5 810	-159.5	851.0	1981	1997-12 GPP
16	1.80	0.240	0.40	0.90	41	939	30	6 001	-129.8	817.9	1983	1984-09 GPP
16	4.10	0.280	0.30	0.96	23	925	29	5 585	-110.6	795.8	1984	1984-01 ABAND 1987
16	4.05	0.280	0.25	0.97	15	945	30	5 606	-130.0	808.7	1984	1996-07 GPP
300	3.20	0.270	0.22	0.97	7	914	27	5 680	-132.1	834.7	1984	1996-01 GPP
12	3.28	0.240	0.36	0.97	11	904	30	5 612	-129.7	814.8	1984	1997-12 GPP
494	6.67	0.290	0.17	0.97	10	934	31	5 985	-140.6	835.3	1957	1996-09 GPP
407	5.67	0.280	0.16	0.97	10	928	30	5 804	-137.7	835.5	1956	1996-11 GPP
16	3.50	0.290	0.17	0.97	11	946	29	5 598	-131.4	823.3	1984	1988-12 GPP
264	4.40	0.240	0.31	0.97	10	960	30	6 103	-134.8	817.8	1984	1996-08 GPP
106	3.90	0.300	0.20	0.97	15	920	27	5 455	-101.6	793.3	1983	1998-12 GPP
75	2.29	0.260	0.35	0.97	15	915	30	6 376	-176.1	963.8	1985	1996-08 GPP
32	2.69	0.280	0.21	0.95	12	950	30	6 093	-141.7	829.7	1986	1998-12 GPP
32	2.80	0.230	0.47	0.90	40	930	33	6 678	-200.0	955.8	1987	1994-12 ABAND 1988
16	4.20	0.250	0.23	0.94	22	905	27	5 607	-111.6	828.7	1987	1998-12 GPP
16	5.30	0.225	0.28	0.97	7	915	27	5 553	-130.4	789.6	1987	1988-06 ABAND 1988
66	2.47	0.210	0.40	0.90	33	892	34	6 967	-198.7	1 004.5	1987	1993-11 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
PROVOST 036-07W4 (CONTINUED)								
DINA GG	365.0	<0.01		0.1		0.1	0.1	*
DINA HH	181.0	0.10		18.1		18.1	8.9	9.2
DINA II	446.0	<0.01		2.3		2.3	2.3	
DINA KK	155.0	<0.01		0.6		0.6	0.6	
DINA LL	90.3	0.20		18.1		18.1	14.7	3.4
DINA PP	702.0	0.20		140.0		140.0	119.4	20.6
DINA QQ	38.2	<0.01		0.2		0.2	0.2	
DINA RR	542.0	0.05		27.1		27.1	20.2	6.9
DINA TT	78.2	<0.01		0.5		0.5	0.5	
DINA VV	113.0	<0.01		0.2		0.2	0.2	
DINA YY	2 654.0	0.40		1 062.0		1 062.0	982.8	79.2
DINA AAA	80.0	<0.14		11.0		11.0	11.0	
DINA CCC	32.7	<0.30		9.7		9.7	9.7	
DINA GGG	380.0	<0.23		85.2		85.2	85.2	
DINA III	44.7	<0.12		5.1		5.1	5.1	
DINA KKK	160.0	0.10		16.0		16.0	8.7	7.3
DINA LLL	29.7	<0.01		0.1		0.1	0.1	
DINA NNN	75.6	<0.02		1.0		1.0	1.0	
DINA OOO	262.0	0.20		52.4		52.4	48.8	3.6
DINA SSS	27.6	<0.01		0.1		0.1	0.1	
DINA TTT	25.8	<0.02		0.4		0.4	0.4	
DINA YYY	100.0	0.20		20.0		20.0	16.1	3.9
DINA B2B	850.0	0.14		119.0		119.0	93.3	25.7
DINA G2G	6.3	<0.02		0.1		0.1	0.1	
DINA H2H	98.1	0.08		7.8		7.8	4.0	3.8
DINA K2K	81.0	<0.01		0.4		0.4	0.4	
DINA N2N	174.0	0.07		12.3		12.3	12.3	
DINA O2O	1 299.0	0.15		195.0		195.0	110.8	84.2
DINA P2P	114.0	<0.01		0.1		0.1	0.1	
DINA R2R	60.8	<0.04		2.1		2.1	2.1	
DINA W2W	196.0	0.06		11.8		11.8	7.2	4.6
DINA A3A	106.0	<0.01		0.5		0.5	0.5	
DINA C3C	54.6	<0.02		0.9		0.9	0.9	
DINA E3E	127.0	0.15		19.1		19.1	10.9	8.2
DINA F3F	755.0	0.30		227.0		227.0	78.6	148.4
DINA H3H	17.1	<0.02		0.2		0.2	0.2	
DINA I3I	29.4	<0.09		2.4		2.4	2.4	
DINA J3J	97.7	0.10		9.8		9.8	4.7	5.1
DINA L3L	114.0	0.35		39.9		39.9	33.4	6.5
DINA N3N	239.0	0.30		71.7		71.7	66.8	4.9
DINA P3P	80.0	<0.01		0.3		0.3	0.3	
DINA Q3Q	790.0	<0.02		14.5		14.5	14.5	
DINA T3T	32.6	<0.14		4.4		4.4	4.4	
DINA V3V	429.0	0.20		85.8		85.8	57.8	28.0
DINA C4C	149.0	0.02		3.0		3.0	0.4	2.6
DINA D4D	26.1	<0.01		0.1		0.1	0.1	
DINA F4F	10.2	<0.01		0.1		0.1		0.1
DINA H4H	30.8	<0.06		1.6		1.6	1.6	
DINA J4J	89.2	<0.01		0.3		0.3	0.3	
DINA L4L	23.4	<0.08		1.7		1.7	1.7	
DINA M4M	36.6	<0.11		3.8		3.8	3.8	
DINA O4O	47.5	<0.07		3.0		3.0	3.0	
DINA P4P	29.3	<0.10		2.9		2.9	2.9	
DINA Q4Q	20.0	<0.15		2.9		2.9	2.9	
DINA U4U	44.5	0.25		11.1		11.1	9.7	1.4
DINA Z4Z	33.0	0.03		1.0		1.0	0.1	0.9
DINA B5B	95.4	<0.01		0.8		0.8	0.8	
DINA C5C	12.8	<0.04		0.5		0.5	0.5	
DINA D5D	30.0	<0.02		0.5		0.5	0.5	
DINA F5F	212.0	0.30		63.6		63.6	26.4	37.2
DINA G5G	32.4	<0.01		0.2		0.2	0.2	
DINA L5L	36.5	0.15		5.5		5.5	2.0	3.5
DINA N5N	68.8	0.11		7.6		7.6	3.1	4.5
DINA O5O	55.3	<0.01		0.4		0.4	0.4	
DINA Z5Z	56.2	<0.01		0.2		0.2	0.2	
DINA B6B	25.9	0.35		9.1		9.1	3.2	5.9
DINA C6C	250.0	0.40		100.0		100.0	83.1	16.9
DINA K6K	22.6	<0.08		1.7		1.7	1.7	
DINA Q6Q	34.6	0.25		8.7		8.7	2.8	5.9
DINA U6U	82.8	0.30		24.8		24.8	10.4	14.4
DINA B7B	44.8	0.20		9.0		9.0	0.8	8.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	4.50	0.290	0.10	0.97	7	915	27	6 209	-126.3	789.9	1988	1988-07 ABAND 1988
32	3.30	0.230	0.23	0.97	7	915	27	6 047	-158.3	834.9	1988	1988-08 GPP
32	6.20	0.290	0.20	0.97	7	915	27	6 218	-131.4	835.9	1988	1994-12 ABAND 1994
32	2.30	0.290	0.25	0.97	7	914	27	5 614	-147.9	860.9	1988	1994-12 ABAND 1991
16	3.10	0.240	0.21	0.96	16	931	30	5 558	-142.0	830.4	1985	1993-03 GPP
66	7.55	0.220	0.34	0.97	7	915	27	6 694	-193.3	972.5	1988	1997-12 GPP
32	1.10	0.260	0.57	0.97	7	915	27	6 336	-234.3	987.6	1988	1988-11 ABAND 1988
32	8.10	0.280	0.23	0.97	7	915	27	5 559	-106.9	782.4	1988	1988-11 GPP
32	1.50	0.240	0.30	0.97	7	914	27	6 163	-151.9	822.3	1988	1995-10 ABAND 1993
16	4.00	0.250	0.27	0.97	7	915	27	5 097	-130.4	808.0	1988	1988-12 ABAND 1989
300	4.33	0.270	0.22	0.97	7	915	27	5 236	-137.3	840.2	1988	1993-04 GPP
16	3.53	0.200	0.27	0.97	7	914	27	6 718	-202.5	978.9	1988	1996-07 GPP
8	4.06	0.230	0.54	0.95	18	879	33	6 087	-144.6	913.6	1988	1996-07 GPP
100	2.09	0.250	0.25	0.97	9	935	28	5 887	-141.0	821.9	1988	1998-12 GPP
16	2.80	0.210	0.51	0.97	9	935	28	6 346	-259.7	1 058.8	1988	1996-07 GPP
16	7.00	0.230	0.36	0.97	9	935	28	6 156	-191.4	1 009.0	1988	1989-03 GPP
16	1.60	0.210	0.43	0.97	9	935	28	6 305	-165.2	835.2	1988	1989-03 ABAND 1989
16	3.50	0.240	0.42	0.97	9	935	28	6 849	-217.7	977.8	1988	1995-01 ABAND 1994
32	4.27	0.250	0.21	0.97	9	935	28	6 424	-193.3	945.4	1988	1993-12 GPP
16	1.80	0.190	0.48	0.97	9	935	28	6 234	-171.6	921.1	1988	1989-04 ABAND 1990
4	7.00	0.190	0.50	0.97	9	935	28	5 750	-202.6	991.7	1988	1996-07 GPP
33	2.50	0.240	0.48	0.97	9	935	28	5 817	-133.8	900.2	1988	1991-09 GPP
228	2.90	0.250	0.47	0.97	36	850	38	7 234	-262.4	1 057.5	1981	1998-03 GPP
4	2.80	0.200	0.71	0.97	9	935	28	6 113	-180.4	952.8	1989	1996-07 ABAND 1992
16	6.40	0.190	0.48	0.97	9	935	28	6 438	-189.9	936.9	1988	1996-08 GPP
16	3.90	0.235	0.43	0.97	9	935	28	6 951	-206.7	955.4	1989	1995-04 ABAND 1992
65	2.60	0.200	0.47	0.97	9	935	28	5 660	-196.2	958.1	1989	1996-07 ABAND 1996
262	2.50	0.280	0.27	0.97	11	917	31	5 417	-96.2	788.1	1976	1998-12 GPP
16	3.50	0.300	0.30	0.97	7	910	27	5 321	-93.6	779.0	1984	1995-01 ABAND 1994
4	7.00	0.280	0.20	0.97	9	935	28	6 200	-174.0	864.1	1989	1998-12 ABAND 1997
16	8.20	0.220	0.30	0.97	9	935	28	6 200	-173.4	939.4	1989	1996-08 GPP
16	4.00	0.240	0.29	0.97	9	935	28	6 016	-128.4	832.5	1990	1995-11 ABAND 1995
4	13.00	0.190	0.43	0.97	9	935	28	6 499	-190.5	1 004.2	1989	1996-07 GPP
16	4.40	0.270	0.31	0.97	9	935	28	7 422	-279.5	1 035.4	1990	1990-08 GPP
109	4.65	0.240	0.36	0.97	9	935	28	5 629	-162.2	845.5	1990	1998-07 GPP
4	3.50	0.210	0.40	0.97	9	935	28	5 670	-206.0	959.6	1990	1992-07 ABAND 1992
8	2.84	0.230	0.42	0.97	9	935	28	5 943	-158.5	863.6	1980	1996-07 ABAND 1996
32	1.73	0.280	0.35	0.97	9	935	28	5 888	-155.9	827.3	1990	1994-10 GPP
20	2.90	0.270	0.25	0.97	9	935	28	5 585	-109.4	839.2	1990	1993-12 GPP
31	3.60	0.280	0.21	0.97	9	935	28	5 473	-157.2	851.4	1990	1991-03 GPP
16	2.90	0.250	0.29	0.97	9	935	28	6 092	-181.9	923.0	1990	1992-12 ABAND 1992
165	2.99	0.250	0.34	0.97	9	935	28	5 838	-160.2	856.5	1990	1994-12 GPP
8	5.00	0.210	0.60	0.97	9	935	28	6 164	-214.4	992.3	1989	1996-07 GPP
66	5.35	0.220	0.40	0.92	33	887	34	6 581	-179.1	937.2	1988	1992-09 GPP
16	10.40	0.210	0.56	0.97	9	935	28	6 927	-223.6	1 014.0	1990	1997-12 GPP
16	2.00	0.210	0.60	0.97	9	935	20	6 809	-205.3	932.1	1991	1996-07 ABAND 1997
4	1.90	0.230	0.40	0.97	9	935	28	6 653	-199.0	968.0	1990	1995-08 ABAND 1996
16	1.20	0.240	0.31	0.97	9	935	28	7 222	-256.6	1 009.6	1991	1997-12 ABAND 1997
16	3.30	0.260	0.33	0.97	9	935	28	5 605	-154.7	824.9	1991	1994-07 ABAND 1994
4	3.60	0.250	0.33	0.97	9	935	28	5 389	-202.1	955.4	1991	1995-09 ABAND 1995
16	1.60	0.250	0.41	0.97	9	935	28	6 400	-265.4	1 065.2	1988	1996-07 GPP
4	7.00	0.250	0.30	0.97	9	935	28	5 622	-160.4	850.7	1990	1993-02 ABAND 1992
4	4.70	0.240	0.33	0.97	9	935	28	5 860	-160.1	836.4	1991	1996-07 GPP
16	1.10	0.240	0.51	0.97	9	935	28	6 029	-204.4	959.7	1991	1997-07 ABAND 1997
8	3.50	0.230	0.28	0.96	14	868	33	6 037	-211.5	989.9	1990	1997-12 GPP
4	4.50	0.270	0.30	0.97	9	935	28	5 961	-147.1	829.0	1991	1998-05 GPP
16	4.00	0.240	0.36	0.97	9	935	28	5 630	-205.6	966.0	1992	1994-05 ABAND 1994
4	3.00	0.220	0.50	0.97	9	935	28	6 195	-205.3	949.5	1991	1992-12 ABAND 1992
4	4.12	0.250	0.25	0.97	9	935	28	6 209	-181.9	949.8	1992	1996-02 ABAND 1995
32	4.24	0.230	0.30	0.97	9	935	28	6 279	-164.8	838.5	1990	1993-01 GPP
4	4.30	0.270	0.28	0.97	9	935	28	4 818	-142.0	836.4	1992	1994-02 ABAND 1993
16	2.00	0.240	0.51	0.97	9	935	28	6 206	-205.6	928.3	1992	1993-05 GPP
16	3.10	0.260	0.45	0.97	9	935	28	5 101	-163.3	840.3	1993	1996-08 GPP
16	2.50	0.190	0.25	0.97	9	935	28	6 026	-202.7	969.8	1989	1996-07 GPP
16	2.00	0.270	0.33	0.97	7	915	27	5 639	-169.2	860.0	1993	1996-07 ABAND 1998
4	4.20	0.230	0.31	0.97	7	915	27	6 471	-179.1	893.9	1994	1994-08 GPP
31	3.66	0.280	0.19	0.97	9	935	28	5 434	-167.4	878.6	1994	1997-03 GPP
4	2.70	0.270	0.20	0.97	9	935	28	5 828	-160.9	852.7	1994	1997-01 ABAND 1996
8	2.50	0.270	0.34	0.97	10	890	31	4 312	-210.2	976.5	1994	1996-02 GPP
12	3.49	0.290	0.29	0.96	20	935	29	2 395	-163.3	841.8	1995	1996-12 GPP
8	2.70	0.270	0.20	0.96	15	869	33	3 357	-149.6	831.8	1996	1997-03 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
PROVOST 036-07W4 (CONTINUED)								
DINA D7D	57.9	<0.02		0.7		0.7	0.7	
DINA F7F	110.0	<0.02		1.7		1.7	1.7	
DINA H7H	664.0	0.20		133.0		133.0	7.9	125.1
DINA L7L	34.2	0.15		5.1		5.1	0.7	4.4
DINA M7M	171.0	0.30		51.3		51.3	15.6	35.7
DINA N7N	115.0	0.25		28.8		28.8	3.6	25.2
DINA P7P	75.7	0.10		7.6		7.6	0.1	7.5
BASAL QUARTZ C	9 852.0	0.38		3 744.0		3 744.0	2 915.4	828.6
ELLERSLIE A	34.4	<0.04		1.1		1.1	1.1	
ELLERSLIE C	147.0	<0.01		0.4		0.4	0.4	
ELLERSLIE D	1 062.0	0.35		372.0		372.0	331.1	40.9
ELLERSLIE E	52.8	<0.01		0.1		0.1	0.1	
ELLERSLIE F	494.0	0.15		74.1		74.1	23.8	50.3
ELLERSLIE G	143.0	0.20		28.6		28.6	19.0	9.6
ELLERSLIE H	368.0	0.05		18.4		18.4	8.2	10.2
ELLERSLIE J	93.4	0.08		7.5		7.5	4.0	3.5
ELLERSLIE M	68.5	<0.01		0.3		0.3	0.3	
ELLERSLIE P	494.0	0.35		173.0		173.0	104.5	68.5
ELLERSLIE O	269.0	0.20		53.8		53.8	35.7	18.1
ELLERSLIE T	673.0	0.25		168.0		168.0	112.1	55.9
ELLERSLIE V	41.5	0.20		8.3		8.3	8.3	
ELLERSLIE W	97.3	0.10		9.7		9.7	5.9	3.8
ELLERSLIE AA	63.6	0.20		12.7		12.7	8.2	4.5
ELLERSLIE BB	71.1	0.10		7.1		7.1	5.0	2.1
ELLERSLIE GG	52.2	0.15		7.8		7.8	0.7	7.1
ELLERSLIE KK	49.1	<0.01		0.4		0.4	0.4	
ELLERSLIE NN	122.0	0.30		36.6		36.6	17.3	19.3
ELLERSLIE OO	471.0	0.30		141.0		141.0	55.7	85.3
ELLERSLIE PP	1 141.0	0.05		57.1		57.1	7.4	49.7
ELLERSLIE RR	105.0	<0.01		0.1		0.1	0.1	
ELLERSLIE SS	49.9	<0.14		6.6		6.6	6.6	
ELLERSLIE TT	12.0	<0.01		0.1		0.1	0.1	
ELLERSLIE UU	43.4	<0.04		1.4		1.4	1.4	
ELLERSLIE WW	56.8	<0.04		1.8		1.8	1.8	
ELLERSLIE XX	154.0	<0.02		2.7		2.7	2.7	
ELLERSLIE FFF	50.3	0.05		2.5		2.5	1.5	1.0
ELLERSLIE GGG	32.6	0.20		6.5		6.5	1.6	4.9
ELLERSLIE QOO	32.4	0.10		3.2		3.2	1.1	2.1
ELLERSLIE RRR	177.0	0.30		53.1		53.1	50.3	2.8
ELLERSLIE F2F	116.0	0.20		23.2		23.2	1.4	21.8
ELLERSLIE G2G	34.5	0.10		3.5		3.5	1.3	2.2
ELLERSLIE I2I	225.0	0.30		67.5		67.5	29.1	38.4
BANFF C	66.6	0.10		6.7		6.7	0.2	6.5
FIELD TOTAL *	230 576.9			37 355.6	3 679.6	41 035.7	28 375.1	12 660.6
RAINIER 017-15W4								
LOWER MANNVILLE C	154.0	<0.02		2.5		2.5	2.5	
BASAL QUARTZ A	38.3	<0.01		0.2		0.2	0.2	
FIELD TOTAL	192.3			2.7		2.7	2.7	
RED COULEE 001-17W4								
CUTBANK B	1 010.0	0.05		50.5		50.5	48.4	2.1
CUTBANK C	158.0	0.03		4.7		4.7	2.4	2.3
RUNDLE A	86.8	0.15		13.0		13.0	12.9	0.1
RUNDLE B	36.2	0.02		0.7		0.7	0.7	
FIELD TOTAL *	1 291.0			68.9		68.9	64.4	4.5
REDWATER 056-19W4								
ELLERSLIE D	105.0	0.15		15.8		15.8	12.2	3.6
ELLERSLIE E	76.3	0.10		7.6		7.6	3.5	4.1
ELLERSLIE F	40.8	0.15		6.1		6.1	5.7	0.4
ELLERSLIE FF	390.0	0.10		39.0		39.0	17.3	21.7
ELLERSLIE LL	68.6	0.10		6.9		6.9	1.7	5.2
FIELD TOTAL *	680.7			75.4		75.4	40.4	35.0
RETLAW 012-18W4								
MANNVILLE I	1 270.0	0.12		152.0		152.0	151.7	0.3

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
8	4.70	0.260	0.37	0.94	20	945	29		-246.7	1 031.4	1996	1998-12 GPP
8	6.80	0.260	0.18	0.95	19	935	28		-168.6	877.3	1996	1998-12 GPP
100	3.17	0.290	0.24	0.95	19	935	28	3 303	-156.5	837.0	1996	1998-06 GPP
8	4.20	0.210	0.50	0.97	7	915	27		-131.7	811.3	1997	1998-03 GPP
32	4.15	0.230	0.41	0.95	19	927	28		-137.6	836.7	1997	1998-06 GPP
32	1.77	0.290	0.27	0.96	38	925	32		-263.3	1 048.9	1997	1998-04 GPP
8	5.00	0.250	0.22	0.97	7	915	27		-118.1	816.0	1997	1998-06 GPP
550	8.20	0.280	0.17	0.94	25	921	33	5 912	-150.6	895.7	1975	1996-08 GPP
32	1.50	0.130	0.40	0.92	34	917	35	5 820	-158.2	914.1	1981	1985-12 ABAND 1984
64	3.00	0.173	0.52	0.92	37	897	21	6 330	-226.9	963.5	1985	1989-12 ABAND 1995
178	3.70	0.240	0.27	0.92	32	912	34	6 464	-241.1	979.3	1982	1993-10 GPP
64	1.40	0.160	0.60	0.92	31	864	30	7 629	-298.3	1 080.5	1986	1987-05 ABAND 1988
64	4.30	0.260	0.25	0.92	40	900	32	7 158	-305.3	1 054.4	1987	1997-03 GPP
24	3.98	0.210	0.25	0.95	16	909	34	6 607	-244.5	1 039.1	1987	1998-12 GPP
32	5.60	0.260	0.16	0.94	28	924	31	6 412	-249.7	990.5	1988	1996-11 GPP
16	4.50	0.230	0.40	0.94	28	924	31	7 413	-273.7	1 044.9	1988	1996-12 GPP
16	3.00	0.220	0.31	0.94	28	924	31	6 781	-222.9	1 030.5	1989	1994-10 ABAND 1994
134	2.28	0.230	0.26	0.95	16	908	34	6 452	-216.3	1 023.0	1991	1996-09 GPP
67	2.78	0.220	0.31	0.95	16	908	34	6 331	-260.9	990.1	1991	1992-04 GPP
116	3.35	0.240	0.24	0.95	16	908	34	6 147	-244.9	973.2	1991	1993-12 GPP
4	5.00	0.280	0.22	0.95	16	909	34	6 063	-211.1	977.1	1992	1995-12 GPP
32	2.00	0.250	0.36	0.95	16	908	34	6 177	-243.0	975.0	1992	1992-09 GPP
16	2.50	0.240	0.31	0.96	15	865	33	6 793	-224.2	1 044.0	1992	1993-12 GPP
16	2.67	0.240	0.27	0.95	16	908	34	6 252	-246.2	975.6	1992	1996-08 GPP
32	1.30	0.220	0.40	0.95	16	908	34	5 986	-284.3	1 004.4	1994	1995-07 GPP
16	2.20	0.270	0.45	0.94	26	905	28	6 893	-299.5	1 072.6	1995	1998-09 ABAND 1996
16	5.70	0.240	0.40	0.93	32	900	30	7 719	-298.0	1 080.8	1995	1996-07 GPP
96	3.15	0.250	0.33	0.93	27	900	40	6 369	-289.7	1 072.2	1996	1997-09 GPP
196	3.19	0.260	0.22	0.90	28	922	31	6 784	-159.3	917.5	1984	1998-01 GPP
16	4.10	0.230	0.28	0.97	9	935	28	6 322	-186.8	916.6	1990	1996-07 GPP
8	4.06	0.220	0.28	0.97	9	935	28	5 800	-216.6	1 003.1	1990	1998-12 GPP
4	2.20	0.220	0.36	0.97	9	970	28	5 999	-213.9	989.0	1990	1993-08 ABAND 1993
8	3.70	0.240	0.37	0.97	9	935	28	5 618	-212.8	993.3	1991	1996-07 ABAND 1993
16	3.20	0.210	0.45	0.96	9	935	28	5 613	-212.2	958.8	1992	1996-07 GPP
12	6.40	0.280	0.26	0.97	9	935	28	3 035	-182.9	930.4	1992	1998-12 GPP
8	3.20	0.250	0.19	0.97	11	903	28	5 972	-244.6	1 026.0	1994	1997-09 GPP
4	4.00	0.280	0.20	0.91	29	880	33	5 702	-143.9	883.4	1995	1996-01 GPP
16	2.00	0.200	0.45	0.92	48	897	37	7 669	-337.5	1 108.5	1994	1996-11 GPP
60	1.80	0.260	0.33	0.94	23	900	40	5 679	-290.2	1 073.6	1996	1997-12 GPP
8	7.00	0.270	0.20	0.96	16	954	32		-238.1	971.4	1997	1997-08 GPP
16	1.40	0.270	0.40	0.95	16	908	34		-212.1	978.3	1996	1997-11 GPP
93	1.70	0.250	0.40	0.95	17	960	38	6 590	-295.2	1 079.2	1997	1998-11 GPP
16	3.50	0.180	0.29	0.93	30	903	31		-242.4	961.3	1997	1997-11 GPP
32	2.74	0.290	0.31	0.88	45	869	29	11 176	-283.0	1 062.1	1964	1975-12 ABAND 1967
32	1.40	0.160	0.40	0.89	40	905	21	11 296	-279.2	1 066.3	1980	1984-12 ABAND 1986
229	4.18	0.180	0.37	0.93	32	904	27	6 106	319.1	846.0	1960	1985-12 GPP
32	5.91	0.180	0.42	0.80	32	904	30	6 112	313.2	896.0	1966	1986-02 GPP
25	5.61	0.110	0.25	0.75	32	910	28	6 348	277.5	948.1	1960	1990-12 GPP
16	3.66	0.110	0.25	0.75	32	904	28	5 854	282.6	879.7	1966	1977-04 GPP
32	1.90	0.270	0.29	0.90	38	915	32	5 386	-185.3	818.6	1981	1997-12 GPP
16	2.50	0.270	0.24	0.93	31	952	31	5 802	-193.2	826.3	1991	1998-03 GPP
16	2.33	0.240	0.43	0.80	27	915	30	5 587	-187.7	821.5	1991	1996-06 GPP
24	9.40	0.250	0.28	0.96	18	939	27	5 221	-188.8	825.5	1995	1998-07 GPP
16	2.60	0.280	0.36	0.92	40	938	32			869.5	1997	1998-07 GPP
454	2.13	0.218	0.30	0.86	64	921	39	11 649	-268.5	1 096.5	1964	1988-12 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RETLOW 012-18W4 (CONTINUED)								
MANNVILLE O	124.0	<0.02		1.7		1.7	1.7	*
MANNVILLE O	183.0	<0.01		0.1		0.1	0.1	
MANNVILLE R	238.0	0.10		23.8		23.8	17.6	6.2
MANNVILLE V	1 860.0	0.10	0.08	186.0	149.0	335.0	267.0	68.0
WATER FLOOD								
MANNVILLE W	371.0	0.04		14.8		14.8	12.9	1.9
MANNVILLE Y	222.0	<0.03		6.6		6.6	6.6	
MANNVILLE EE	524.0	0.06		31.4		31.4	25.8	5.6
MANNVILLE FF	178.0	<0.01		0.1		0.1	0.1	
MANNVILLE GG	92.7	<0.01		0.1		0.1	0.1	
MANNVILLE II	288.0	0.03		8.6		8.6	5.3	3.3
MANNVILLE KK	61.3	<0.10		5.8		5.8	5.8	
MANNVILLE LL TOTAL	2 397.0			480.0		561.0	519.9	41.1
PRIMARY AREA	1 244.0	0.20		249.0	80.7	249.0		
WATER FLOOD AREA	1 153.0	0.20	0.07	231.0	80.7	312.0		
MANNVILLE MM	90.4	<0.01		0.4		0.4	0.4	
MANNVILLE PP	347.0	0.20		69.4		69.4	50.3	19.1
MANNVILLE RR	31.8	0.10		3.1		3.1	2.1	1.0
MANNVILLE TT	438.0	0.05		21.9		21.9	17.0	4.9
MANNVILLE UU	44.8	<0.01		0.1		0.1	0.1	
MANNVILLE A & X3X	1 471.0	0.10		147.0		147.0	73.1	73.9
MANNVILLE 040 & P4P	23.1	0.05		1.1		1.1	0.1	1.0
MANNVILLE AAA	195.0	0.03		5.9		5.9	1.9	4.0
MANNVILLE BBB	1 300.0	0.03		39.0		39.0	34.3	4.7
MANNVILLE CCC	290.0	<0.02		4.0		4.0	4.0	
MANNVILLE DDD	52.8	<0.01		0.1		0.1	0.1	
MANNVILLE JJJ	54.1	<0.03		1.5		1.5	1.5	
MANNVILLE KKK	105.0	0.10		10.5		10.5	1.8	8.7
MANNVILLE NNN	187.0	<0.06		10.2		10.2	10.2	
MANNVILLE OOO	97.3	<0.10		8.9		8.9	8.9	
MANNVILLE RRR	473.0	0.05		23.7		23.7	23.5	0.2
MANNVILLE TTT	21.3	0.05		1.1		1.1	1.1	
MANNVILLE WWW	60.2	<0.01		0.2		0.2	0.2	
MANNVILLE YYY	48.4	<0.01		0.2		0.2	0.2	
MANNVILLE A2A	66.6	<0.02		0.8		0.8	0.8	
MANNVILLE B2B	44.1	<0.01		0.1		0.1	0.1	
MANNVILLE F2F	76.0	<0.01		0.4		0.4	0.4	
MANNVILLE G2G	360.0	0.10		36.0		36.0	12.5	23.5
MANNVILLE N2N	57.4	<0.02		0.7		0.7	0.7	
MANNVILLE P2P	55.0	0.10		5.5		5.5	4.2	1.3
MANNVILLE Q2Q	116.0	0.05		5.8		5.8	3.0	2.8
MANNVILLE R2R	25.3	<0.01		0.1		0.1	0.1	
MANNVILLE T2T	41.4	0.10		4.1		4.1	4.0	0.1
MANNVILLE D3D	23.1	0.03		0.7		0.7	0.7	
MANNVILLE H3H	49.9	<0.25		12.4		12.4	12.4	
MANNVILLE I3I	43.4	0.10		4.3		4.3	2.2	2.1
MANNVILLE K3K	142.0	<0.02		2.7		2.7	2.7	
MANNVILLE S3S	98.2	0.10		9.8		9.8	2.2	7.6
MANNVILLE T3T	26.6	<0.01		0.1		0.1	0.1	
MANNVILLE V3V	460.0	0.20	0.10	92.0	46.0	138.0	67.3	70.7
WATER FLOOD								
MANNVILLE W3W	293.0	0.15		44.0		44.0	26.8	17.2
MANNVILLE E4E	50.7	0.15		7.6		7.6	1.4	6.2
MANNVILLE L4L	31.4	0.10		3.1		3.1		3.1
MANNVILLE M4M	116.0	<0.03		3.5		3.5	0.5	3.0
RUNDLE A	21.0	0.10		2.1		2.1	0.3	1.8
FIELD TOTAL *	15 336.3			1 495.1	275.7	1 771.1	1 387.8	383.3
RIBSTONE 043-04W4								
SPARKY A	3 184.0	0.07		223.0		223.0	172.9	50.1
SPARKY B	162.0	0.15		24.3		24.3	21.1	3.2
GENERAL PETROLEUM A	71.5	<0.06		3.7		3.7	3.7	
LLOYDMINSTER A	373.0	0.02		7.5		7.5	4.8	2.7
LLOYDMINSTER B	163.0	0.01		1.6		1.6	1.6	
LLOYDMINSTER C	41.9	<0.01		0.1		0.1	0.1	
LLOYDMINSTER D	28.2	<0.03		0.8		0.8	0.8	
NISKU B	506.0	0.10		50.6		50.6	41.3	9.3
NISKU E	267.0	0.05		13.3		13.3	4.1	9.2
NISKU A & CAMROSE A	2 464.0	0.10		246.0		246.0	143.6	102.4

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
65	1.77	0.172	0.27	0.86	45	946	37	11 835	-261.1	1 112.7	1970	1972#02 ABAND 1972
65	2.74	0.190	0.37	0.86	66	921	41	12 003	-262.0	1 102.9	1971	1974-04 ABAND 1974
96	2.25	0.197	0.35	0.86	14	921	38	11 623	-265.4	1 091.6	1974	1997-12 GPP
1 061	1.52	0.180	0.28	0.89	57	946	32	12 020	-227.8	1 067.3	1971	1996-12 GPP
96	3.53	0.185	0.32	0.87	57	921	32	12 100	-282.9	1 134.4	1976	1987-03 GPP
32	6.00	0.210	0.38	0.89	57	910	36	7 947	-258.3	1 092.0	1992	1998-12 GPP
264	1.86	0.200	0.38	0.86	62	910	34	11 489	-222.3	1 091.6	1978	1996-10 GPP
65	3.05	0.160	0.35	0.87	59	910	35	11 751	-250.1	1 121.0	1978	1978-12 ABAND 1982
16	5.50	0.180	0.35	0.90	44	965	35	11 812	-258.5	1 108.5	1978	1982-12
128	3.70	0.100	0.30	0.87	64	921	33	11 619	-264.9	1 095.6	1978	1980-12 GPP
64	3.04	0.050	0.25	0.84	73	896	33	10 671	-246.6	1 091.8	1977	1996-07 GPP
408					70	891	38	11 778	-255.7	1 083.4	1979	1994-07
237	3.58	0.230	0.25	0.85								
171	4.54	0.230	0.24	0.85								
32	1.80	0.220	0.18	0.87	50	922	37	11 568	-258.8	1 093.0	1979	1985-12 GPP
64	4.50	0.210	0.34	0.87	89	916	37	11 647	-241.8	1 074.8	1979	1995-12 GPP
64	0.60	0.150	0.35	0.85	66	886	30	11 668	-253.7	1 074.1	1964	1997-09 GPP
64	9.36	0.140	0.40	0.87	58	900	37	11 170	-244.4	1 080.1	1980	1991-03 GPP
16	2.78	0.180	0.35	0.86	66	959	35	10 433	-258.4	1 104.1	1980	1983-12 ABAND 1998
790	1.93	0.180	0.33	0.80	64	870	34	11 644	-280.7	1 113.7	1959	1995-12 GPP
16	1.51	0.170	0.36	0.88	64	921	33		-245.0	1 108.5	1947	1998-10 GPP
16	17.97	0.150	0.48	0.87	54	917	32	11 252	-241.1	1 075.7	1980	1993-12 GPP
423	2.93	0.180	0.33	0.87	60	915	37	11 882	-236.4	1 046.1	1981	1996-08 GPP
64	2.50	0.270	0.20	0.84	75	896	35	11 900	-257.4	1 107.9	1981	1984-12 ABAND 1998
64	0.80	0.160	0.25	0.86	64	885	30	11 968	-260.0	1 078.0	1980	1983-12
32	1.30	0.240	0.37	0.86	60	930	32	11 803	-259.7	1 101.4	1981	1984-12 ABAND 1983
32	3.70	0.188	0.45	0.86	68	921	33	11 655	-261.9	1 105.3	1972	1984-12 GPP
65	3.00	0.170	0.35	0.87	62	870	33	11 470	-236.8	1 097.4	1980	1996-07 GPP
32	3.40	0.160	0.35	0.86	62	925	32	11 504	-240.4	1 113.0	1978	1996-07 GPP
192	2.07	0.206	0.32	0.85	73	896	33	11 334	-261.5	1 096.0	1963	1985-09 GPP
16	1.14	0.180	0.27	0.89	56	911	36	11 564	-258.5	1 097.6	1982	1988-12 ABAND 1983
64	1.10	0.180	0.46	0.88	56	899	34	11 464	-269.9	1 097.3	1983	1983-06 ABAND 1989
16	2.00	0.220	0.20	0.86	62	887	32	10 714	-256.2	1 097.7	1983	1984-03 ABAND 1984
32	1.70	0.180	0.20	0.85	73	896	33	10 456	-224.7	1 066.9	1984	1985-06 ABAND 1984
32	1.50	0.180	0.40	0.85	64	920	33	11 727	-268.1	1 094.7	1960	1988-12
16	4.00	0.200	0.34	0.90	44	990	33	12 848	-326.8	1 161.0	1984	1985-06 ABAND 1987
60	3.60	0.250	0.25	0.89	57	910	36	11 386	-229.6	1 091.1	1980	1998-01 GPP
32	3.00	0.160	0.56	0.85	65	925	30	11 762	-304.0	1 138.6	1987	1998-12 ABAND 1988
64	0.80	0.170	0.22	0.81	92	872	31	11 975	-255.8	1 076.5	1988	1988-07 GPP
16	16.60	0.110	0.56	0.90	62	950	92	11 143	-261.2	1 067.0	1980	1998-11 GPP
16	1.50	0.190	0.41	0.94	20	884	32	10 749	-261.7	1 129.3	1988	1992-03 ABAND 1991
32	1.20	0.190	0.34	0.86	64	921	33	11 577	-270.0	1 100.3	1960	1989-09 GPP
16	1.50	0.170	0.37	0.90	65	897	32	11 166	-239.0	1 113.9	1990	1996-07
32	1.39	0.200	0.34	0.85	73	896	33	11 309	-302.0	1 163.7	1985	1998-12 GPP
16	3.50	0.170	0.53	0.97	11	942	31	11 644	-277.5	1 108.3	1991	1992-12 GPP
16	7.60	0.220	0.36	0.83	92	898	31	10 056	-249.4	1 078.0	1991	1996-07 GPP
16	10.50	0.170	0.60	0.86	64	921	33	11 762	-240.8	1 083.4	1993	1994-09 GPP
16	2.20	0.150	0.44	0.90	63	889	37	11 692	-265.9	1 103.2	1993	1996-07 GPP
85	3.64	0.240	0.28	0.86	83	890	35	11 311	-260.1	1 092.7	1995	1997-07 GPP
94	2.21	0.210	0.22	0.86	64	921	33	12 140	-310.0	1 139.6	1995	1998-04 GPP
16	2.50	0.210	0.33	0.90	65	897	32	11 791	-313.4	1 146.8	1996	1997-04 GPP
16	2.40	0.190	0.50	0.86	64	921	33			1 146.4	1995	1998-04
48	2.33	0.180	0.33	0.86	64	921	33		-311.5	1 139.0	1997	1998-12 GPP
16	1.10	0.180	0.27	0.91	45	940	34		-304.9	1 135.4	1997	1998-02 GPP
230	9.40	0.260	0.41	0.96	80	915	29	4 715	-18.1	701.1	1979	1996-09 GPP
43	2.76	0.250	0.43	0.96	15	956	29	4 605	-15.0	673.2	1971	1997-12 GPP
32	1.21	0.280	0.32	0.97	11	952	30	5 053	-20.6	652.6	1985	1987-12 ABAND 1991
65	3.05	0.280	0.30	0.96	40	946	29	5 070	-22.5	661.1	1972	1977-12 GPP
32	2.40	0.300	0.27	0.97	14	939	26	4 480	-6.7	642.5	1972	1988-12
16	1.80	0.300	0.50	0.97	12	959	42	4 754	-37.0	666.9	1986	1987-01 ABAND 1989
16	0.90	0.300	0.32	0.96	16	984	27	5 206	-45.2	689.9	1976	1992-10 ABAND 1995
48	9.84	0.180	0.38	0.96	16	955	27	4 560	-26.7	727.2	1985	1997-08 GPP
48	5.29	0.148	0.26	0.96	16	953	26	5 329	-19.5	724.3	1973	1988-07 GPP
420	6.00	0.160	0.37	0.97	16	959	29	4 578	-20.3	661.8	1985	1998-09 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
RIBSTONE 043-04W4 (CONTINUED)								
FIELD TOTAL	7 260.6			570.9		570.9	394.0	* 176.9
RICHDALE 030-13W4								
LOWER MANNVILLE G	80.0	0.15		12.0		12.0	10.5	1.5
LOWER MANNVILLE EE	83.9	0.10		8.4		8.4	0.9	7.5
FIELD TOTAL *	163.9			20.4		20.4	11.4	9.0
RIVERCOURSE 047-01W4								
COLONY A	496.0	0.10		49.6		49.6	25.4	24.2
COLONY G	8 225.0	<0.01		20.0		20.0	8.3	11.7
COLONY H	362.0	0.15		54.3		54.3	29.7	24.6
COLONY I	89.4	0.05		4.5		4.5	2.3	2.2
SPARKY A	307.0	0.10		30.7		30.7	29.6	1.1
SPARKY D	696.0	0.06		41.8		41.8	30.6	11.2
SPARKY E	65.2	<0.02		1.3		1.3	1.3	
SPARKY G	148.0	<0.03		3.2		3.2	3.2	
GENERAL PETROLEUM C	129.0	0.10		12.9		12.9	4.5	8.4
GENERAL PETROLEUM D	120.0	0.05		6.0		6.0	0.3	5.7
CUMMINGS A	7 066.0	0.03		212.0		212.0	145.6	66.4
FIELD TOTAL	17 703.6			436.3		436.3	280.8	155.5
RIVIERE 055-27W4								
ELLERSLIE C	30.6	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	30.6			0.3		0.3	0.3	
RONALANE 013-12W4								
LOWER MANNVILLE A	147.0	<0.01		1.2		1.2	1.2	
LOWER MANNVILLE E	314.0	0.06		18.8		18.8	12.6	6.2
SAWTOOTH A	196.0	<0.08		15.0		15.0	14.0	1.0
SAWTOOTH B	5 083.0	0.30		1 525.0		1 525.0	1 253.8	271.2
SAWTOOTH C	1 050.0	0.25		263.0		263.0	242.6	20.4
SAWTOOTH G	177.0	0.30		53.1		53.1	38.6	14.5
SAWTOOTH J	1 022.0	0.10		102.0		102.0	66.4	35.6
SAWTOOTH K	1 231.0	0.40		492.0		492.0	440.7	51.3
SAWTOOTH L	750.0	<0.03		17.2		17.2	17.2	
SAWTOOTH D	585.0	0.30		176.0		176.0	160.1	15.9
SAWTOOTH P	236.0	0.28		66.1		66.1	55.7	10.4
SAWTOOTH Q	44.3	<0.03		1.1		1.1	1.1	
SAWTOOTH R	73.3	<0.02		1.1		1.1	1.1	
SAWTOOTH S	173.0	0.30		51.9		51.9	45.7	6.2
SAWTOOTH T	105.0	<0.01		0.3		0.3	0.3	
SAWTOOTH U	127.0	<0.03		3.0		3.0	3.0	
SAWTOOTH V	2 167.0	0.15		325.0		325.0	243.8	81.2
SAWTOOTH W	57.3	0.01		0.6		0.6	0.6	
SAWTOOTH X	19.1	<0.01		0.1		0.1	0.1	
SAWTOOTH Y	188.0	0.03		5.6		5.6	1.4	4.2
SAWTOOTH Z	224.0	<0.08		17.9		17.9	17.1	0.8
SAWTOOTH AA	57.7	<0.06		3.4		3.4	3.4	
SAWTOOTH BB	109.0	<0.02		1.4		1.4	1.4	
SAWTOOTH DD	143.0	0.10		14.3		14.3	10.0	4.3
SAWTOOTH EE	165.0	0.10		16.5		16.5	7.8	8.7
SAWTOOTH FF	69.9	0.05		3.5		3.5	0.6	2.9
SAWTOOTH GG	61.5	<0.01		0.1		0.1	0.1	
SAWTOOTH HH	267.0	0.15		40.1		40.1	21.0	19.1
SAWTOOTH II	28.5	<0.01		0.1		0.1	0.1	
SAWTOOTH JJ	58.9	0.05		2.9		2.9	1.8	1.1
SAWTOOTH KK	41.1	0.15		6.2		6.2	1.5	4.7
SAWTOOTH LL	118.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL *	15 088.6			3 224.8		3 224.8	2 665.1	559.7
RUMSEY 033-21W4								
GLAUCONITIC F	204.0	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE E	38.9	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE F	209.0	<0.08		15.0		15.0	15.0	
FIELD TOTAL *	451.9			15.6		15.6	15.6	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.53	0.170	0.46	0.89	44	916	38	9 565	-294.5	1 104.3	1978	1985-12 GPP
32	2.00	0.240	0.40	0.91	39	910	45	9 256	-290.4	1 063.4	1995	1996-09 GPP
262	1.00	0.300	0.35	0.97	9	946	24	3 580	110.8	528.3	1965	1996-11 GPP
995	3.64	0.310	0.26	0.99	9	971	25	3 610	111.2	532.3	1981	1997-08 GPP
128	1.63	0.300	0.41	0.98	8	979	30	3 609	108.1	551.8	1983	1998-07 GPP
32	1.53	0.270	0.31	0.98	8	979	30	3 613	112.2	534.3	1978	1997-05 GPP
48	2.56	0.300	0.16	0.99	5	965	23	3 545	63.8	570.7	1974	1984-12 GPP
80	3.49	0.300	0.16	0.99	9	970	23	4 121	54.9	590.3	1978	1997-12 GPP
16	2.00	0.300	0.30	0.97	12	950	23	4 295	56.9	606.2	1978	1992-10 GPP
16	4.50	0.300	0.30	0.98	8	980	22	4 260	60.6	599.3	1983	1996-04 ABAND 1996
16	3.70	0.300	0.25	0.97	11	980	28	4 283	58.2	595.5	1995	1996-07 GPP
16	3.10	0.320	0.23	0.98	8	979	30	4 307	55.7	608.4	1995	1996-10 GPP
664	4.74	0.290	0.21	0.98	9	989	22	4 796	4.6	645.4	1977	1997-04 GPP
16	2.50	0.170	0.50	0.90	38	965	42	8 529	-560.3	1 240.8	1978	1996-07
32	3.05	0.270	0.35	0.86	66	887	33	10 903	-175.9	952.5	1972	1983-12 ABAND 1987
32	9.40	0.200	0.42	0.90	42	925	31	10 372	-170.2	920.2	1984	1997-12 GPP
16	8.40	0.250	0.40	0.97	10	950	33	10 487	-179.9	957.4	1985	1997-12 GPP
580	6.20	0.240	0.38	0.95	29	900	32	11 144	-170.5	945.8	1985	1997-12 GPP
232	4.30	0.240	0.49	0.86	67	881	27	10 953	-164.3	917.7	1975	1997-09 GPP
32	4.41	0.240	0.45	0.95	17	908	33	10 759	-179.7	947.3	1986	1996-12 GPP
94	6.29	0.260	0.30	0.95	18	919	33	10 042	-174.8	937.9	1986	1995-06 GPP
274	3.69	0.240	0.41	0.86	40	870	32	10 919	-166.8	937.7	1967	1996-09 GPP
64	6.50	0.280	0.30	0.92	30	884	33	10 725	-182.3	905.8	1986	1992-10 ABAND 1992
80	4.70	0.260	0.37	0.95	18	932	33	10 495	-180.6	943.0	1987	1993-12 GPP
32	3.57	0.275	0.21	0.95	18	931	33	10 507	-171.3	948.4	1986	1993-12 GPP
16	4.50	0.240	0.73	0.95	18	931	33	9 943	-153.7	925.3	1988	1994-10 ABAND 1991
16	5.50	0.200	0.51	0.85	64	919	28	9 341	-187.9	942.0	1988	1996-07
64	2.28	0.240	0.48	0.95	18	932	33	10 729	-183.3	946.8	1989	1995-12 GPP
16	5.00	0.230	0.40	0.95	18	931	33	10 746	-184.7	962.5	1988	1995-12 ABAND 1995
16	5.50	0.220	0.31	0.95	18	931	33	10 686	-176.7	950.5	1990	1996-07 GPP
263	5.83	0.240	0.38	0.95	15	940	34	10 685	-174.1	955.2	1985	1991-10 GPP
16	3.10	0.230	0.46	0.93	25	882	35	10 261	-172.9	891.8	1990	1996-07 GPP
16	1.30	0.220	0.56	0.95	18	931	33	12 832	-163.5	926.8	1990	1995-07 ABAND 1994
16	7.50	0.250	0.34	0.95	18	931	33	10 808	-192.2	938.3	1990	1998-12 GPP
32	4.43	0.260	0.36	0.95	18	931	33	7 724	-168.6	885.4	1991	1998-12 GPP
16	2.89	0.220	0.39	0.93	25	849	35	9 359	-190.3	965.3	1991	1996-07 ABAND 1996
16	4.60	0.230	0.31	0.93	29	965	33	7 423	-175.1	959.8	1991	1996-07 GPP
16	9.10	0.230	0.54	0.93	29	965	33	8 362	-177.3	957.5	1990	1992-05 GPP
32	4.00	0.230	0.41	0.95	14	906	34	9 296	-181.9	935.2	1991	1992-11 GPP
32	1.90	0.220	0.45	0.95	14	906	34	9 148	-153.7	916.6	1992	1996-11 GPP
16	4.70	0.220	0.60	0.93	25	882	35	10 999	-177.1	939.7	1988	1996-07 ABAND 1997
32	5.46	0.240	0.33	0.95	18	931	33	10 497	-180.8	952.6	1993	1993-11 GPP
15	1.60	0.250	0.50	0.95	18	931	33	10 546	-186.3	945.5	1993	1996-07 GPP
16	3.20	0.220	0.45	0.95	18	931	33	10 513	-182.6	953.9	1993	1994-11 GPP
16	3.00	0.230	0.60	0.93	34	891	32	8 541	-161.9	905.0	1994	1995-08 GPP
16	6.00	0.240	0.46	0.95	18	931	33	10 843	-191.8	956.0	1994	1996-07 ABAND 1998
64	4.40	0.170	0.50	0.85	50	900	44	10 120	-547.6	1 403.8	1984	1985-11 ABAND 1986
16	4.00	0.130	0.43	0.82	66	882	53	8 754	-589.2	1 450.0	1987	1992-10
64	3.06	0.190	0.37	0.89	52	882	46	9 022	-574.7	1 437.8	1987	1996-07 GPP

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE 103m3	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 103m3	REMAINING ESTABLISHED RESERVES 103m3
		PRIMARY frac	ENHANCED frac	PRIMARY 103m3	ENHANCED 103m3	TOTAL 103m3		
SEDGEWICK 042-12W4 BASAL MANNVILLE C	729.0	0.10		72.9		72.9	28.0	44.9
FIELD TOTAL *	729.0			72.9		72.9	28.0	44.9
SIBBALD 027-02W4 UPPER MANNVILLE C TOTAL	5 542.0			347.0	1 198.0	1 545.0	1 369.3	175.7
PRIMARY AREA	751.0	0.08		60.1		60.1		
WATER FLOOD AREA	4 791.0	0.06	0.25	287.0	1 198.0	1 485.0		
LOWER MANNVILLE B	138.0	<0.01		0.1		0.1	0.1	
NISKU A	94.5	<0.03		2.2		2.2	2.2	
FIELD TOTAL	5 774.5			349.3	1 198.0	1 547.3	1 371.6	175.7
SKIFF 005-14W4 SAWTOOTH A TOTAL	1 431.0			215.0	64.3	279.0	238.0	41.0
PRIMARY AREA	627.0	0.15		94.1		94.1		
WATER FLOOD AREA	804.0	0.15	0.08	121.0	64.3	185.0		
SAWTOOTH B	133.0	0.10		13.3		13.3	12.0	1.3
SAWTOOTH C	12.1	<0.08		0.9		0.9	0.9	
SAWTOOTH E	37.0	0.10		3.7		3.7	0.8	2.9
FIELD TOTAL	1 613.1			232.9	64.3	296.9	251.7	45.2
ST ANNE 054-05W5 NORDEGG A	943.0	0.05		47.2		47.2	31.8	15.4
BANFF A	488.0	0.10		48.8		48.8	36.5	12.3
BANFF B	193.0	<0.01		1.7		1.7	1.6	0.1
BANFF F	89.5	<0.04		2.8		2.8	2.8	
BANFF G	37.1	0.25		9.3		9.3	8.4	0.9
BANFF H	319.0	<0.01		0.2		0.2	0.2	
BANFF I	72.8	0.05		3.6		3.6	2.9	0.7
BANFF K	2 682.0	0.07		188.0		188.0	90.4	97.6
BANFF L	109.0	<0.02		1.1		1.1	1.1	
BANFF C & D	1 672.0	0.10		167.0		167.0	140.0	27.0
FIELD TOTAL	6 605.4			469.7		469.7	315.7	154.0
STANMORE 028-10W4 UPPER MANNVILLE KK	75.0	0.25		18.8		18.8	13.5	5.3
UPPER MANNVILLE HHH	60.6	0.05		3.0		3.0	0.1	2.9
LOWER MANNVILLE KK	304.0	0.10		30.4		30.4	2.7	27.7
BANFF A	37.5	0.10		3.8		3.8	2.0	1.8
FIELD TOTAL *	477.1			56.0		56.0	18.3	37.7
STEELE 065-25W4 UPPER MANNVILLE O	280.0	0.05		14.0		14.0	1.3	12.7
GRAND RAPIDS S	358.0	<0.01		0.3		0.3	0.3	
FIELD TOTAL	638.0			14.3		14.3	1.6	12.7
STROME 043-16W4 GLAUCONITIC S	20.3	<0.01		0.1		0.1	0.1	
ELLERSLIE A	37.3	0.06		2.2		2.2	2.2	
ELLERSLIE C	109.0	<0.01		0.1		0.1	0.1	
ELLERSLIE D	1 541.0	0.30		462.0		462.0	176.1	285.9
ELLERSLIE F	112.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	1 819.6			464.5		464.5	178.6	285.9
SUFFIELD 018-06W4 UPPER MANNVILLE A	49 960.0	0.05		2 498.0		2 498.0	340.0	2 158.0
UPPER MANNVILLE D	5 434.0	0.15		815.0		815.0	343.9	471.1
UPPER MANNVILLE H	81.5	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE J	35 300.0	0.20		7 060.0		7 060.0	4 285.4	2 774.6
UPPER MANNVILLE N	2 291.0	0.20		458.0		458.0	178.8	279.2
UPPER MANNVILLE O	137.0	<0.01		0.3		0.3	0.3	
UPPER MANNVILLE Q	169.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE R	246.0	0.05		12.3		12.3	2.4	9.9
UPPER MANNVILLE S	114.0	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE T	265.0	<0.02		2.9		2.9	2.9	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
206	1.72	0.280	0.21	0.93	28	920	30	4 153	-221.7	916.0	1984	1997-10 GPP
949					21	963	28	9 033	-138.0	887.8	1977	1997-12
181	3.41	0.256	0.50	0.95								
768	3.35	0.280	0.30	0.95								GPP
16	5.00	0.330	0.45	0.95	66	866	64	9 068	-144.5	862.5	1980	1980-09
16	10.50	0.100	0.42	0.97	38	941	41	8 978	-286.4	1 022.3	1989	1998-12 GPP
716					30	941	33	9 151	-3.1	920.0	1964	1995-03
355	1.54	0.180	0.25	0.85								
361	1.94	0.180	0.25	0.85								GPP
64	1.84	0.170	0.26	0.90	30	940	31	9 418	23.8	917.1	1983	1986-05 GPP
16	1.00	0.120	0.30	0.90	22	964	31	9 414	25.2	919.0	1981	1986-12 ABAND 1988
16	1.50	0.210	0.22	0.94	25	956	36	7 653	13.0	925.8	1996	1997-03 GPP
225	5.00	0.150	0.35	0.86	60	945	45	12 269	-653.8	1 407.5	1984	1997-12 GPP
32	9.80	0.190	0.09	0.90	54	919	43	13 433	-674.0	1 456.6	1978	1997-12 GPP
32	7.56	0.160	0.44	0.89	45	947	43	13 482	-679.8	1 453.8	1981	1992-10
16	4.00	0.210	0.26	0.90	60	932	38	10 036	-672.7	1 439.1	1985	1995-02 ABAND 1994
32	1.50	0.120	0.30	0.92	45	940	44	13 630	-696.3	1 463.8	1984	1997-12 GPP
32	9.89	0.178	0.37	0.90	50	904	45	13 360	-689.3	1 463.5	1984	1985-07 ABAND 1987
16	5.30	0.150	0.35	0.88	50	920	45	13 230	-682.4	1 452.0	1985	1991-12 GPP
346	7.50	0.180	0.34	0.87	54	919	43	13 489	-671.2	1 442.0	1990	1998-05
16	5.50	0.170	0.16	0.87	54	919	43	13 271	-679.2	1 437.8	1989	1996-12 GPP
161	11.51	0.170	0.39	0.87	54	954	43	13 427	-673.2	1 439.4	1981	1988-05 GPP
32	2.20	0.220	0.49	0.95	18	939	37	9 489	-281.5	1 065.9	1992	1997-12 GPP
16	3.40	0.210	0.43	0.93	18	939	37			1 064.0	1997	1998-12 GPP
64	2.70	0.290	0.34	0.92	34	938	38	8 364	-283.0	1 058.7	1997	1997-11
16	4.50	0.080	0.30	0.93	31	948	36		-271.8	1 059.5	1993	1997-09
16	7.10	0.310	0.18	0.97	12	959	25			599.6	1997	1998-08 GPP
16	11.00	0.320	0.33	0.95	19	967	31	4 330	63.8	627.3	1988	1996-07 GPP
4	5.60	0.180	0.48	0.97	9	979	38	7 080	-315.9	1 040.3	1989	1996-06 ABAND 1996
16	1.50	0.210	0.22	0.95	20	936	30	7 523	-316.9	1 040.8	1969	1988-12
16	5.40	0.180	0.26	0.95	20	979	30	7 086	-371.5	1 107.7	1986	1987-11 ABAND 1988
154	5.10	0.260	0.18	0.92	23	950	34	7 119	-319.7	1 044.8	1989	1997-12 GPP
16	3.80	0.250	0.21	0.93	30	910	40	7 144	-322.6	1 048.1	1995	1998-12 GPP
4 062	7.20	0.260	0.27	0.90	35	986	36	10 976	-190.2	956.6	1976	1998-06 GPP
528	5.80	0.260	0.25	0.91	43	940	32	10 516	-237.2	1 021.3	1976	1998-03 GPP
4	12.19	0.270	0.32	0.91	30	972	31	10 153	-188.0	909.8	1977	1992-11 ABAND 1977
1 612	11.14	0.270	0.20	0.91	27	979	28	9 791	-164.4	917.3	1966	1998-08 GPP
342	4.29	0.260	0.34	0.91	30	971	32	10 037	-181.5	957.0	1978	1998-07 GPP
16	6.40	0.210	0.30	0.91	30	982	32	10 160	-196.0	994.3	1978	1988-12
16	6.50	0.270	0.34	0.91	43	983	30	10 558	-170.9	926.8	1979	1980-02 ABAND 1980
32	4.66	0.250	0.29	0.93	34	957	31	9 322	-192.9	994.0	1980	1997-09 GPP
16	5.20	0.250	0.40	0.91	42	982	32	10 432	-169.2	894.0	1980	1980-07
16	10.00	0.280	0.35	0.91	29	982	26	11 030	-165.6	927.0	1980	1996-07 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	103m3	frac	frac	103m3	103m3	103m3	103m3	103m3
SUFFIELD 018-06W4 (CONTINUED)								
UPPER MANNVILLE U WATER FLOOD	3 264.0	0.10	0.05	326.0	163.0	489.0	314.4	174.6
UPPER MANNVILLE V	229.0	<0.02		2.7		2.7	2.7	
UPPER MANNVILLE W WATER FLOOD	390.0	0.10	0.05	39.0	19.5	58.5	29.1	29.4
UPPER MANNVILLE X	59.2	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE Y	249.0	0.02		5.0		5.0	1.1	3.9
UPPER MANNVILLE Z	187.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE EE	71.0	0.05		3.6		3.6	1.0	2.6
UPPER MANNVILLE FF	13 040.0	0.04		522.0		522.0	173.6	348.4
UPPER MANNVILLE HH WATER FLOOD	831.0	0.10	0.05	83.1	41.6	125.0	19.1	105.9
UPPER MANNVILLE II	1 293.0	0.15		194.0		194.0	117.3	76.7
UPPER MANNVILLE OO	75.0	0.15		11.3		11.3	7.5	3.8
UPPER MANNVILLE PP	48.1	<0.01		0.2		0.2	0.2	
UPPER MANNVILLE RR	18.9	0.10		1.9		1.9	0.7	1.2
UPPER MANNVILLE SS	90.3	0.05		4.5		4.5	0.3	4.2
UPPER MANNVILLE UU	143.0	0.10		14.3		14.3	6.2	8.1
LOWER MANNVILLE A	398.0	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE B	65.1	<0.01		0.4		0.4	0.4	
LOWER MANNVILLE C	93.1	0.05		4.7		4.7	4.7	
LOWER MANNVILLE D	76.1	<0.01		0.2		0.2	0.2	
LOWER MANNVILLE E	102.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE G	134.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE H	67.0	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE I	88.1	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE J	131.0	0.05		6.6		6.6	3.0	3.6
LOWER MANNVILLE K	128.0	<0.03		2.8		2.8	2.8	
LOWER MANNVILLE L	156.0	<0.02		1.7		1.7	1.7	
LOWER MANNVILLE M	100.0	0.09		9.0		9.0	6.5	2.5
LOWER MANNVILLE N	150.0	0.12		18.0		18.0	15.1	2.9
LOWER MANNVILLE P	1 659.0	0.20		332.0		332.0	247.0	85.0
LOWER MANNVILLE Q	12.7	<0.02		0.2		0.2	0.2	
LOWER MANNVILLE S	172.0	0.05		8.6		8.6	1.8	6.8
LOWER MANNVILLE T	449.0	0.05		22.5		22.5	0.7	21.8
LOWER MANNVILLE U	48.8	0.05		2.4		2.4	0.3	2.1
LOWER MANNVILLE V	166.0	0.10		16.6		16.6	2.2	14.4
PEKISKO A	431.0	0.05		21.6		21.6	6.4	15.2
FIELD TOTAL	118 612.9			12 502.8	224.1	12 727.2	6 121.3	6 605.9
SUNNYSOOK 026-11W4								
UPPER MANNVILLE Q	100.0	<0.01		0.5		0.5	0.5	
BASAL MANNVILLE F	120.0	<0.01		0.8		0.8	0.8	
BASAL MANNVILLE EE	27.3	<0.08		2.1		2.1	2.1	
FIELD TOTAL *	247.3			3.4		3.4	3.4	
SUPERBA 026-03W4								
DETRITAL A	213.0	<0.01		0.1		0.1	0.1	
FIELD TOTAL	213.0			0.1		0.1	0.1	
SWIMMING 052-06W4								
UPPER MANNVILLE A	92.6	<0.01		0.4		0.4	0.4	
UPPER MANNVILLE C	409.0	0.01		4.1		4.1	1.1	3.0
UPPER MANNVILLE E	203.0	0.05		10.2		10.2	0.5	9.7
COLONY A	89.8	<0.02		1.3		1.3	1.3	
COLONY F	129.0	<0.01		0.2		0.2	0.2	
MCLAREN D	1 124.0	0.10		112.0		112.0	11.0	101.0
SPARKY A	98.8	<0.01		0.4		0.4	0.4	
SPARKY B	64.3	<0.01		0.1		0.1	0.1	
SPARKY E	126.0	0.10		12.6		12.6	1.5	11.1
SPARKY F	116.0	0.10		11.6		11.6	0.9	10.7
GENERAL PETROLEUM A	148.0	0.10		14.8		14.8	10.7	4.1
GENERAL PETROLEUM B	208.0	0.08		16.6		16.6	12.4	4.2
FIELD TOTAL	2 808.5			184.3		184.3	40.5	143.8
SYLVAN LAKE 036-04W5								
ELKTON D	177.0	0.15		26.6		26.6	6.5	20.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
334	5.10	0.260	0.19	0.91	37	951	21	10 663	-182.2	959.3	1980	1996-06 GPP
16	9.00	0.250	0.30	0.91	20	966	25	10 190	-165.6	924.0	1980	1988-12
99	2.11	0.260	0.21	0.91	44	951	30	9 728	-181.3	960.3	1980	1998-02 GPP
16	2.30	0.250	0.30	0.92	37	958	32	10 501	-185.3	952.2	1980	1983-12
32	7.30	0.180	0.35	0.91	37	925	29	10 284	-185.2	962.2	1981	1991-11 GPP
64	1.50	0.330	0.35	0.91	35	967	31	9 944	-220.8	1 006.0	1976	1988-12
16	4.00	0.200	0.41	0.94	37	959	35	10 811	-209.6	986.2	1977	1997-09 GPP
571	12.70	0.260	0.24	0.91	28	983	27	1 631	-250.2	1 028.4	1986	1998-08 GPP
151	3.10	0.250	0.22	0.91	28	967	24	10 319	-183.0	958.0	1987	1996-06 GPP
80	8.81	0.280	0.28	0.91	28	982	27	10 871	-148.0	941.1	1987	1998-12 GPP
32	1.66	0.230	0.34	0.93	29	955	32	10 289	-179.7	933.2	1989	1997-01 GPP
8	6.00	0.220	0.51	0.93	29	955	32	10 294	-180.2	942.5	1990	1997-01 ABAND 1992
16	1.00	0.230	0.46	0.95	24	980	30		-190.0	966.5	1996	1997-07
8	11.00	0.200	0.46	0.95	24	980	30		-204.9	1 013.5	1996	1997-07 GPP
26	2.70	0.300	0.27	0.93	29	972	33		-177.4	929.6	1996	1997-12
65	7.01	0.160	0.40	0.91	35	952	35	9 729	-202.4	1 001.9	1976	1976-11 ABAND 1977
16	2.13	0.280	0.25	0.91	34	952	33	10 259	-224.8	981.9	1977	1983-12 ABAND 1986
32	2.46	0.200	0.35	0.91	27	972	34	9 165	-198.4	951.6	1977	1989-12 ABAND 1992
16	3.35	0.240	0.35	0.91	32	965	32	9 315	-48.7	808.6	1977	1978-04 ABAND 1978
16	4.57	0.220	0.30	0.91	32	959	27	11 029	-211.7	1 007.8	1977	1983-12 ABAND 1982
16	7.32	0.210	0.40	0.91	47	990	25	10 198	-188.9	904.0	1978	1978-11
16	3.30	0.210	0.35	0.93	30	986	33	10 084	-193.1	914.9	1978	1979-05
16	6.10	0.190	0.50	0.95	9	990	32	10 543	-190.2	892.5	1978	1988-12
32	3.21	0.250	0.44	0.91	30	969	35	10 653	-221.7	1 006.0	1978	1997-01 GPP
16	5.70	0.220	0.30	0.91	45	943	45	10 691	-197.8	967.0	1980	1996-07 GPP
16	6.30	0.230	0.25	0.90	27	978	31	11 226	-185.3	963.8	1979	1981-03 ABAND 1989
32	2.08	0.330	0.50	0.91	34	951	36	10 656	-219.8	997.7	1982	1997-12 GPP
16	7.21	0.210	0.32	0.91	44	965	35	10 698	-211.4	974.6	1978	1998-12 GPP
112	9.69	0.240	0.30	0.91	37	952	32	10 688	-212.8	972.1	1977	1993-12 GPP
2	4.90	0.200	0.33	0.97	11	986	33	10 716	-216.0	967.4	1988	1992-10
24	7.35	0.190	0.46	0.95	24	980	30		-207.8	965.1	1996	1997-07 GPP
80	3.73	0.220	0.28	0.95	24	980	30	9 847	-206.5	989.8	1996	1998-12
16	2.70	0.270	0.55	0.93	29	955	32		-219.2	972.7	1997	1997-12 GPP
32	4.40	0.240	0.46	0.91	41	968	36	10 625	-220.5	995.7	1997	1998-04 GPP
64	13.50	0.080	0.30	0.89	47	894	34	10 772	-232.0	983.6	1988	1988-10 GPP
16	5.00	0.250	0.45	0.91	41	930	35	9 920	-235.7	1 017.0	1995	1998-06 ABAND 1997
32	2.00	0.250	0.20	0.94	27	940	35	10 126	-285.5	1 059.0	1978	1983-12 ABAND 1984
16	1.80	0.170	0.40	0.93	26	963	36	9 711	-249.9	1 057.9	1985	1994-06 ABAND 1987
16	8.50	0.300	0.45	0.95	18	958	34	9 223	-171.2	930.2	1981	1985-12 ABAND 1993
16	2.10	0.320	0.13	0.99	10	977	25	4 208	61.5	565.6	1978	1983-12 ABAND 1983
8	19.10	0.300	0.10	0.99	10	985	25	3 711	112.9	512.7	1981	1995-12 GPP
16	6.70	0.300	0.35	0.97	70	984	28	4 475	35.4	589.4	1994	1996-03 GPP
16	3.00	0.270	0.30	0.99	10	985	25	4 943	120.4	502.5	1980	1988-12 GPP
16	3.20	0.300	0.15	0.99	10	990	28	4 959	118.8	518.6	1980	1982-10 ABAND 1984
32	14.25	0.300	0.17	0.99	6	999	25			537.0	1997	1998-05 GPP
16	3.20	0.300	0.35	0.99	7	985	25	3 976	85.5	536.4	1979	1988-12 GPP
16	2.00	0.290	0.30	0.99	7	990	25	4 032	79.6	547.5	1979	1984-07 ABAND 1984
16	3.00	0.340	0.21	0.98	9	992	25			548.5	1997	1998-05 GPP
16	2.90	0.340	0.25	0.98	8	980	22			526.4	1997	1998-08 GPP
16	4.20	0.310	0.28	0.99	9	987	27	4 273	54.7	571.9	1983	1995-12 GPP
16	6.00	0.300	0.27	0.99	9	976	27	4 237	57.2	575.5	1980	1996-12 GPP
64	3.60	0.120	0.22	0.82	72	911	73			2 381.8	1997	1998-11 GPP

TABLE 2-6

FIELD POOL	1	3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
SYLVAN LAKE 036-04W5 (CONTINUED)								
FIELD TOTAL *	177.0			26.6		26.6	6.5	20.1
TABER 009-17W4								
GLAUCONITIC A	84.2	0.05		4.2		4.2	3.3	0.9
GLAUCONITIC B	200.0	<0.01		1.9		1.9	1.9	
GLAUCONITIC C	49.8	<0.01		0.2		0.2	0.2	
GLAUCONITIC D	1 478.0	0.40		591.0		591.0	531.6	59.4
GLAUCONITIC E	160.0	<0.02		2.3		2.3	2.3	
GLAUCONITIC F	1 867.0	0.05		93.4		93.4	43.8	49.6
GLAUCONITIC G	125.0	0.10		12.5		12.5	11.0	1.5
GLAUCONITIC H	256.0	0.02		5.1		5.1	2.3	2.8
GLAUCONITIC I	115.0	0.10		11.5		11.5	2.3	9.2
GLAUCONITIC J	66.8	0.10		6.7		6.7	0.3	6.4
GLAUCONITIC K	6 172.0	0.07	0.24	432.0	1 497.0	1 929.0	1 608.4	320.6
WATER FLOOD								
GLAUCONITIC L	73.7	0.10		7.4		7.4	1.8	5.6
TABER A	181.0	<0.04		5.7		5.7	5.7	
TABER B	365.0	0.30		110.0		110.0	79.1	30.9
TABER C	11.8	<0.01		0.1		0.1	0.1	
TABER E	106.0	<0.01		0.8		0.8	0.8	
TABER F	173.0	0.06		10.4		10.4	8.8	1.6
TABER G	317.0	0.08		25.4		25.4	17.0	8.4
TABER H	63.5	0.10		6.4		6.4	4.2	2.2
TABER I	1 588.0	0.35		556.0		556.0	318.9	237.1
TABER K	39.6	<0.01		0.2		0.2	0.2	
TABER L	1 379.0	0.30		414.0		414.0	334.0	80.0
TABER M	1 315.0	0.10		132.0		132.0	84.1	47.9
TABER N TOTAL	7 732.0			542.0	1 354.0	1 896.0	1 588.1	307.9
PRIMARY AREA	751.0	0.07		52.6		52.6		
WATER FLOOD AREA	6 981.0	0.07	0.19	489.0	1 354.0	1 843.0		
TABER O	25.0	0.10		2.5		2.5	0.1	2.4
TABER P	1 174.0	0.07		82.2		82.2	70.3	11.9
TABER R	283.0	0.02		5.7		5.7	3.4	2.3
TABER S	1 161.0	0.30		348.0		348.0	218.3	129.7
TABER T	47.0	<0.01		0.2		0.2	0.2	
TABER U	219.0	0.03		6.6		6.6	5.8	0.8
TABER V	62.0	0.15		9.3		9.3	1.4	7.9
TABER X	104.0	0.10		10.4		10.4	5.0	5.4
TABER Y	41.5	0.20		8.3		8.3	5.1	3.2
TABER BB	327.0	0.20		65.4		65.4	40.7	24.7
TABER CC	162.0	0.20		32.4		32.4	13.5	18.9
TABER DD	85.3	0.10		8.5		8.5	2.4	6.1
TABER FF	382.0	0.25		95.5		95.5	56.2	39.3
TABER HH	165.0	0.15		24.8		24.8	11.3	13.5
TABER JJ	51.4	0.07		3.6		3.6	3.2	0.4
TABER KK	294.0	0.10		29.4		29.4	10.5	18.9
TABER MM	75.7	0.10		7.6		7.6	0.1	7.5
TABER NN	80.8	0.05		4.0		4.0	0.3	3.7
TABER O & SAWTOOTH A	3 330.0	0.30		999.0		999.0	714.6	284.4
SAWTOOTH B	11.2	<0.08		0.8		0.8	0.8	
LIVINGSTONE A	72.0	0.03		2.2		2.2	1.1	1.1
FIELD TOTAL	32 071.3			4 717.6	2 851.0	7 568.6	5 814.5	1 754.1
TABER NORTH 011-16W4								
GLAUCONITIC A	9 303.0	0.70		6 512.0		6 512.0	4 477.4	2 034.6
GLAUCONITIC C TOTAL	2 653.0			317.0	336.0	653.0	579.5	73.5
PRIMARY AREA	64.3	0.10		6.4		6.4		
WATER FLOOD AREA	2 589.0	0.12	0.13	311.0	336.0	647.0		
GLAUCONITIC D	35.3	<0.03		1.0		1.0	1.0	
GLAUCONITIC E	2 157.0	0.35		755.0		755.0	592.9	162.1
GLAUCONITIC H	306.0	0.15		45.9		45.9	39.9	6.0
GLAUCONITIC J	144.0	0.30		43.2		43.2	16.8	26.4
GLAUCONITIC K	67.1	0.03		2.0		2.0	1.4	0.6
GLAUCONITIC L	149.0	<0.03		4.1		4.1	4.1	
OSTRACOD A	27.1	0.15		4.1		4.1	3.0	1.1
TABER A	1 950.0	0.13		254.0		254.0	241.1	12.9
TABER B	556.0	<0.08		41.1		41.1	41.1	
TABER C	2 862.0	0.20		572.0		572.0	469.0	103.0
TABER D	1 450.0	0.25		363.0		363.0	329.9	33.1
TABER E	1 190.0	0.20		238.0		238.0	120.9	117.1

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
64	1.00	0.200	0.30	0.94	17	947	29	11 249	-168.4	977.5	1983	1984-05 GPP
16	6.50	0.260	0.22	0.95	17	880	30	10 268	-116.9	961.5	1989	1996-06 ABAND 1995
16	3.10	0.240	0.56	0.95	17	880	29	10 439	-137.4	960.1	1990	1998-12 GPP
135	5.54	0.260	0.20	0.95	17	879	29	10 602	-157.5	957.3	1991	1996-09 GPP
16	5.80	0.250	0.28	0.96	15	946	33	10 656	-163.4	965.4	1989	1990-01 GPP
96	10.75	0.250	0.23	0.94	23	946	33	10 869	-152.3	953.9	1964	1995-04 GPP
16	8.10	0.190	0.46	0.94	23	953	33	6 448	-144.8	948.8	1994	1994-12 GPP
32	9.43	0.190	0.53	0.95	17	946	29	6 613	-126.7	953.8	1995	1998-12 GPP
16	4.80	0.240	0.35	0.96	55	916	32	10 280	-151.5	966.6	1995	1996-09 GPP
16	4.70	0.170	0.45	0.95	17	948	29	10 547	-125.4	962.7	1996	1996-11 GPP
464	7.93	0.240	0.28	0.97	16	940	36	15 803	-130.2	965.5	1942	1997-08 GPP
16	5.30	0.210	0.55	0.92	23	913	35		-122.6	962.3	1997	1997-08
50	3.10	0.210	0.41	0.94	23	946	33	10 720	-133.1	996.8	1944	1997-05 ABAND 1996
113	3.60	0.180	0.47	0.94	23	921	33	10 509	-135.4	991.8	1978	1996-11 GPP
16	1.00	0.150	0.49	0.96	15	955	36	10 076	-133.9	972.5	1984	1985-06 ABAND 1986
16	4.10	0.190	0.11	0.96	15	946	33	10 612	-140.8	990.5	1989	1995-07 ABAND 1995
32	6.27	0.180	0.49	0.94	23	921	80	9 928	-145.2	987.2	1991	1996-05 GPP
32	8.10	0.200	0.35	0.94	20	945	38	10 776	-157.8	983.6	1985	1997-12 GPP
16	5.30	0.150	0.48	0.96	15	934	36	10 097	-154.8	974.5	1992	1992-04 GPP
208	7.00	0.200	0.42	0.94	20	883	33	10 001	-168.9	976.4	1990	1997-09 GPP
16	2.30	0.170	0.34	0.96	15	928	23	10 766	-133.9	957.2	1985	1986-04 ABAND 1990
333	4.80	0.180	0.49	0.94	23	921	33	10 651	-137.0	979.3	1944	1997-12 GPP
190	6.57	0.190	0.41	0.94	20	946	38	10 758	-155.8	986.9	1937	1996-05 GPP
1 106					16	940	36	10 597	-130.8	966.0	1942	1997-08
96	6.30	0.200	0.36	0.97								
1 010	6.58	0.190	0.43	0.97								
16	1.83	0.150	0.40	0.95	28	940	26	10 521	-144.8	964.7	1974	1997-12 GPP
176	6.12	0.200	0.42	0.94	23	921	33	10 830	-141.9	981.7	1945	1998-12 GPP
32	8.25	0.180	0.38	0.96	15	933	36	10 410	-175.4	993.5	1990	1998-12 GPP
168	6.70	0.190	0.41	0.92	23	913	35	8 998	-162.6	973.6	1993	1996-04 GPP
16	3.50	0.190	0.52	0.92	23	912	35	10 038	-129.6	979.2	1993	1995-09 ABAND 1995
32	8.00	0.190	0.51	0.92	23	912	35	9 932	-117.2	980.8	1994	1998-12 GPP
32	2.70	0.170	0.56	0.96	79	945	33	10 500	-149.7	984.5	1993	1995-01 GPP
28	3.90	0.200	0.48	0.94	23	913	35	8 600	-146.7	984.4	1995	1996-06 GPP
16	2.60	0.200	0.47	0.94	20	883	33	9 422	-160.9	986.9	1995	1997-09 GPP
32	11.00	0.190	0.48	0.94	20	883	33	9 514	-174.8	978.4	1991	1997-02 GPP
16	8.40	0.200	0.36	0.94	23	921	33	9 336	-140.7	983.2	1994	1996-07 GPP
16	5.00	0.190	0.39	0.92	23	913	35	9 512	-161.4	987.7	1995	1996-06 GPP
48	6.46	0.200	0.33	0.92	23	913	35	9 599	-171.7	980.3	1996	1997-02 GPP
32	4.94	0.180	0.37	0.92	38	916	35		-179.5	988.3	1996	1997-05 GPP
8	5.50	0.190	0.36	0.96	79	945	33	9 560	-163.1	989.9	1996	1998-12 GPP
32	10.30	0.190	0.49	0.92	23	913	35		-179.1	984.0	1997	1997-08 GPP
32	3.70	0.170	0.60	0.94	23	913	35		-119.0	966.1	1997	1997-12 GPP
8	14.00	0.160	0.51	0.92	23	913	35			1 979.5	1997	1998-12
370	8.40	0.180	0.38	0.96	15	940	33	10 547	-180.9	958.3	1989	1996-11 GPP
16	0.70	0.210	0.50	0.95	17	919	37	10 272	-173.0	992.7	1992	1996-07 GPP
16	6.40	0.120	0.37	0.93	39	924	24		-165.2	1 007.1	1996	1998-12 ABAND 1997
466	10.60	0.250	0.19	0.93	17	879	30	10 810	-162.7	947.6	1979	1997-12 GPP
408					57	894	30	11 353	-185.1	969.6	1980	1998-12 GPP
64	1.10	0.140	0.25	0.87								
344	6.07	0.190	0.25	0.87								
16	4.80	0.100	0.50	0.92	36	937	32	7 511	-185.5	974.5	1981	1989-12 ABAND 1993
210	6.53	0.240	0.31	0.95	17	899	29	10 826	-159.4	953.9	1978	1998-01 GPP
48	5.35	0.220	0.43	0.95	17	899	29	10 192	-167.3	959.7	1984	1995-12 GPP
32	4.55	0.160	0.33	0.92	17	889	29	9 951	-171.8	934.4	1986	1998-08 GPP
64	1.10	0.170	0.41	0.95	17	880	30	10 915	-156.9	943.7	1983	1996-06 GPP
8	14.00	0.200	0.30	0.95	17	880	29	10 918	-157.2	942.5	1995	1998-12 GPP
16	1.40	0.200	0.37	0.96	79	945	33	9 878	-184.0	987.3	1990	1996-12 GPP
713	2.77	0.210	0.50	0.94	32	887	29	11 096	-180.4	978.4	1966	1996-12 GPP
184	2.59	0.200	0.38	0.94	16	887	31	11 645	-189.8	975.8	1967	1998-12 GPP
260	9.20	0.190	0.33	0.94	22	940	37	10 746	-180.2	990.3	1974	1995-01 GPP
214	6.46	0.180	0.38	0.94	21	940	32	11 083	-179.8	994.4	1976	1993-10 GPP
133	7.48	0.190	0.33	0.94	27	940	32	10 875	-175.9	986.7	1977	1998-01 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
TABER NORTH 011-16W4 (CONTINUED)								
TABER I	115.0	0.15		17.3		17.3	16.5	0.8
TABER J	229.0	<0.01		0.2		0.2	0.2	
TABER K	1 242.0	0.35		435.0		435.0	365.3	69.7
TABER L	98.8	<0.01		0.7		0.7	0.7	
TABER M	158.0	<0.01		0.1		0.1	0.1	
TABER O	2 171.0	0.35		760.0		760.0	417.1	342.9
TABER S	46.6	<0.02		0.8		0.8	0.8	
TABER U	61.0	<0.01		0.2		0.2	0.2	
TABER V	447.0	0.10		44.7		44.7	23.2	21.5
TABER W	213.0	0.10		21.3		21.3	14.4	6.9
TABER Y	55.6	<0.02		0.9		0.9	0.9	
TABER Z	178.0	0.15		26.7		26.7	13.4	13.3
TABER AA	314.0	0.15		47.1		47.1	17.8	29.3
TABER BB	67.0	0.03		2.0		2.0	2.0	
TABER CC	107.0	0.25		26.8		26.8	18.2	8.6
TABER DD	161.0	0.20		32.2		32.2	11.2	21.0
TABER EE	46.2	0.25		11.6		11.6	5.1	6.5
TABER FF	96.3	<0.01		0.6		0.6	0.6	
TABER GG	95.0	0.15		14.3		14.3	3.3	11.0
TABER II	48.2	<0.01		0.1		0.1	0.1	
TABER KK	166.0	0.05		8.3		8.3	2.0	6.3
TABER LL	28.5	<0.12		3.3		3.3	3.3	
TABER MM	178.0	0.10		17.8		17.8	14.9	2.9
TABER NN	120.0	0.30		36.0		36.0	9.0	27.0
TABER PP	143.0	0.10		14.3		14.3	0.9	13.4
TABER QQ	31.9	0.10		3.2		3.2	1.2	2.0
TABER RR	410.0	0.15		61.5		61.5	35.9	25.6
TABER SS	1 013.0	0.25		253.0		253.0	143.4	109.6
SAWTOOTH A	48.4	0.01		0.5		0.5	0.5	
SAWTOOTH B	151.0	0.35		52.9		52.9	51.8	1.1
SAWTOOTH C	56.1	<0.02		0.7		0.7	0.7	
SAWTOOTH D	55.7	<0.02		1.0		1.0	1.0	
SAWTOOTH E	56.1	0.10		5.6		5.6	0.6	5.0
SAWTOOTH F	104.0	0.10		10.4		10.4	3.8	6.6
LIVINGSTONE A	52.0	0.20		10.4		10.4	8.1	2.3
FIELD TOTAL *	31 412.9			11 073.9	336.0	11 409.9	8 106.2	3 303.7
TABER SOUTH 007-16W4								
MANNVILLE A TOTAL	14 080.0			1 408.0	1 142.0	2 550.0	1 624.1	925.9
PRIMARY AREA	2 663.0	0.10		266.0		266.0		
WATER FLOOD AREA	11 420.0	0.10	0.10	1 142.0	1 142.0	2 284.0		
MANNVILLE B TOTAL	7 277.0			509.0	1 977.0	2 486.0	2 454.6	31.4
PRIMARY AREA	217.0	0.07		15.2		15.2		
WATER FLOOD AREA	7 060.0	0.07	0.28	494.0	1 977.0	2 471.0		
MANNVILLE D	242.0	0.10	0.15	24.2	36.3	60.5	47.8	12.7
WATER FLOOD								
MANNVILLE H	66.0	<0.01		0.5		0.5	0.5	
MANNVILLE L	388.0	0.02		7.8		7.8	5.6	2.2
MANNVILLE M TOTAL	467.0			53.6	26.5	80.1	50.7	29.4
PRIMARY AREA	202.0	0.20		40.4		40.4		
WATER FLOOD AREA	265.0	0.05	0.10	13.2	26.5	39.7		
MANNVILLE N	310.0	0.15		79.5		79.5	41.9	37.6
MANNVILLE Q	235.0	0.06		17.1		17.1	7.9	9.2
MANNVILLE R	38.7	0.25		9.7		9.7	8.4	1.3
MANNVILLE T	37.5	0.20		7.5		7.5	1.5	6.0
MANNVILLE P, S & SAWTOOTH B	448.0	<0.24		107.0		107.0	46.1	60.9
GLAUCONITIC A	403.0	0.05		20.2		20.2	17.5	2.7
GLAUCONITIC B	51.6	0.07		3.6		3.6	3.0	0.6
GLAUCONITIC C	411.0	0.15		61.7		61.7	53.1	8.6
GLAUCONITIC G	495.0	0.20		99.0		99.0	33.1	65.9
GLAUCONITIC H	62.5	0.16		10.0		10.0	5.6	4.4
GLAUCONITIC I	32.9	0.10		3.3		3.3	0.2	3.1
GLAUCONITIC J	69.5	0.07		4.9		4.9	1.5	3.4
TABER B	4 684.0	0.10		468.0		468.0	244.2	223.8
TABER C	76.3	0.10		7.6		7.6	0.1	7.5
TABER D	36.2	0.10		3.6		3.6	0.1	3.5
SAWTOOTH A	75.2	0.15		11.3		11.3	9.0	2.3
LIVINGSTONE A	139.0	<0.02		2.0		2.0	2.0	
TURNER VALLEY A	505.0	0.05		25.3		25.3	13.6	11.7

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
32	5.00	0.150	0.49	0.94	25	940	32	10 757	-187.6	963.2	1981	1985-12 GPP
64	3.20	0.170	0.30	0.94	20	884	33	10 679	-191.1	977.4	1982	1987-12 ABAND 1989
368	3.15	0.190	0.40	0.94	15	896	54	10 499	-190.4	963.6	1983	1995-12 GPP
32	2.50	0.180	0.27	0.94	25	924	35	10 703	-197.6	981.9	1983	1983-11 ABAND 1984
64	3.60	0.140	0.48	0.94	15	893	54	10 847	-189.4	981.2	1983	1984-05 ABAND 1988
453	5.40	0.170	0.42	0.90	38	934	32	10 117	-166.4	970.7	1983	1998-01 GPP
16	2.50	0.200	0.38	0.94	16	887	33	8 976	-189.9	978.3	1981	1988-12 ABAND 1992
16	4.10	0.180	0.45	0.94	20	884	33	10 388	-195.5	988.6	1988	1989-05 ABAND 1991
64	6.45	0.180	0.36	0.94	15	893	54	10 373	-193.7	999.2	1989	1997-12 GPP
83	1.98	0.190	0.29	0.96	14	945	33	9 818	-182.9	986.8	1989	1997-02 GPP
8	7.00	0.180	0.40	0.92	23	913	35	8 878	-202.0	968.8	1993	1998-12 GPP
33	5.55	0.170	0.38	0.92	23	913	35	10 078	-160.1	980.8	1993	1996-06 GPP
66	4.78	0.170	0.39	0.96	79	945	33	9 833	-184.5	990.1	1993	1996-04 GPP
16	5.80	0.160	0.53	0.96	79	945	33	11 167	-185.4	985.5	1994	1997-06 ABAND 1996
30	4.90	0.180	0.56	0.92	23	936	35	10 968	-166.0	983.6	1994	1997-09 GPP
16	9.96	0.180	0.39	0.92	23	913	35	10 176	-173.3	968.0	1994	1995-04 GPP
8	5.20	0.170	0.32	0.96	79	945	33	11 204	-191.7	982.5	1994	1996-04 GPP
8	10.60	0.190	0.35	0.92	23	913	35	11 101	-181.1	940.1	1995	1998-12 GPP
16	6.50	0.170	0.44	0.96	79	945	33	10 079	-161.9	983.6	1995	1996-06
8	5.60	0.180	0.35	0.92	23	913	35	10 164	-167.3	977.5	1993	1997-12 ABAND 1997
16	10.20	0.180	0.41	0.96	79	945	33	10 798	-185.5	990.0	1995	1996-10 GPP
16	1.30	0.190	0.25	0.96	79	945	33	10 665	-194.4	978.2	1981	1996-12 GPP
16	11.20	0.170	0.38	0.94	15	946	33		-174.7	989.9	1993	1997-04 GPP
33	4.00	0.170	0.43	0.94	27	940	32	8 350	-176.8	992.6	1975	1997-04 GPP
16	8.70	0.180	0.38	0.92	23	913	35		-169.4	927.9	1996	1997-08 GPP
8	3.50	0.200	0.38	0.92	23	912	35		-167.9	983.3	1996	1997-10 GPP
32	11.50	0.200	0.42	0.96	79	946	32	8 610	-200.8	1 003.1	1997	1997-12 GPP
126	7.20	0.180	0.34	0.94	27	940	32			991.2	1993	1998-01 GPP
16	2.20	0.230	0.35	0.92	35	895	29	10 594	-198.0	990.1	1980	1989-12 ABAND 1993
68	1.60	0.220	0.32	0.93	34	891	32	10 119	-153.0	939.0	1993	1994-10 GPP
16	2.60	0.200	0.29	0.95	17	918	37	10 352	-179.2	977.1	1994	1996-07 ABAND 1996
16	3.30	0.180	0.37	0.93	34	891	32	10 663	-216.2	999.0	1993	1995-10 ABAND 1995
16	2.00	0.280	0.32	0.92	23	913	35	10 104	-151.2	939.0	1996	1996-07 GPP
32	2.50	0.220	0.38	0.95	77	919	37		-158.4	944.1	1997	1997-08 GPP
24	3.28	0.100	0.29	0.93	33	942	33	10 715	-180.7	1 001.8	1996	1997-05 GPP
1 394					7	946	35	9 266	-62.2	998.3	1963	1996-10
386	5.30	0.220	0.39	0.97								GPP
1 008	8.70	0.220	0.39	0.97								
549					16	940	41	9 953	-52.3	985.1	1963	1997-09
32	4.68	0.220	0.30	0.94								GPP
517	7.45	0.260	0.25	0.94								GPP
50	2.64	0.220	0.21	0.88	46	898	31	9 617	-73.5	978.3	1965	1998-12 GPP
32	3.00	0.156	0.55	0.98	6	920	32	9 893	-71.6	978.4	1984	1984-06 ABAND 1987
93	3.69	0.170	0.30	0.95	15	945	36	8 528	-77.0	994.5	1978	1990-10 GPP
60					7	946	35	8 732	-46.7	986.6	1988	1998-12
16	7.79	0.220	0.24	0.97								
44	3.94	0.210	0.25	0.97								
109	4.80	0.190	0.45	0.97	7	943	32	9 219	-57.1	1 004.8	1992	1997-08 GPP
16	11.40	0.230	0.30	0.97	7	943	32	9 905	-73.0	985.1	1995	1998-12
16	2.80	0.170	0.46	0.94	27	939	32	10 969	-56.7	1 001.8	1984	1997-04 GPP
8	6.10	0.190	0.56	0.92	23	913	35			993.1	1997	1998-02 GPP
94	5.16	0.180	0.46	0.95	23	912	35		-106.7	989.0	1995	1997-11 GPP
59	6.34	0.180	0.37	0.95	17	899	29	9 551	-67.8	981.4	1983	1995-12 GPP
16	2.70	0.160	0.23	0.97	15	935	33	10 033	-34.4	983.4	1984	1997-12 GPP
66	3.95	0.210	0.21	0.95	17	914	29	9 982	-86.7	990.9	1986	1995-12 GPP
40	6.62	0.240	0.18	0.95	15	941	36	9 903	-89.3	981.4	1992	1995-12 GPP
16	4.40	0.170	0.45	0.95	11	900	34	8 668	-101.3	991.7	1994	1998-12 GPP
16	2.30	0.200	0.53	0.95	15	941	36	5 647	-61.2	974.4	1994	1996-09 GPP
8	7.50	0.200	0.39	0.95	15	941	36	9 560	-68.8	985.4	1996	1998-12 GPP
736	6.64	0.190	0.48	0.97	6	939	32	9 528	-67.8	1 001.7	1979	1997-10 GPP
16	6.20	0.190	0.56	0.92	23	913	35	8 823	-49.6	1 002.0	1997	1997-11 GPP
16	4.30	0.160	0.65	0.94	30	964	31	8 621	-47.6	996.9	1997	1997-12 GPP
128	0.72	0.140	0.38	0.94	24	899	33	10 357	-132.1	1 007.2	1990	1994-11 GPP
16	6.50	0.180	0.21	0.94	58	892	32	10 391	-145.0	1 029.8	1992	1996-08 ABAND 1996
64	7.50	0.160	0.30	0.94	24	897	31	10 362	-132.7	1 013.3	1986	1986-08 GPP

TABLE 2-6

FIELD POOL	1	2 3		4	5	6	7	8
	INITIAL VOLUME IN PLACE 10 ³ m ³	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION 10 ³ m ³	REMAINING ESTABLISHED RESERVES 10 ³ m ³
		PRIMARY frac	ENHANCED frac	PRIMARY 10 ³ m ³	ENHANCED 10 ³ m ³	TOTAL 10 ³ m ³		
TABER SOUTH 007-16W4 (CONTINUED) FIELD TOTAL	30 900.4			2 944.4	3 181.8	6 126.2	4 672.1	1 454.1
TABER SOUTH-EAST 008-15W4								
MANNVILLE A	1 462.0	0.20		292.0		292.0	226.2	65.8
MANNVILLE B	217.0	<0.01		0.2		0.2	0.2	
MANNVILLE C	336.0	0.07		23.5		23.5	23.0	0.5
MANNVILLE D	1 027.0	0.15		154.0		154.0	109.4	44.6
MANNVILLE F	34.4	0.10		3.4		3.4	2.5	0.9
FIELD TOTAL	3 076.4			473.1		473.1	361.3	111.8
THORHILD 059-22W4								
MANNVILLE BBB	195.0	0.05		9.8		9.8	0.1	9.7
FIELD TOTAL	195.0			9.8		9.8	0.1	9.7
TOMAHAWK 052-05W5								
OSTRACOD G	456.0	0.05		22.8		22.8	17.1	5.7
ELLERSLIE A	141.0	<0.01		0.8		0.8	0.8	
ELLERSLIE B	73.8	<0.02		1.2		1.2	1.2	
FIELD TOTAL *	670.8			24.8		24.8	19.1	5.7
TURIN 010-16W4								
UPPER MANNVILLE W	18.6	0.10		1.9		1.9	0.3	1.6
LOWER MANNVILLE H2H	25.1	<0.01		0.1		0.1	0.1	
LOWER MANNVILLE I2I	96.3	0.20		19.3		19.3	10.3	9.0
LOWER MANNVILLE J2J	28.4	0.15		4.3		4.3	1.3	3.0
LOWER MANNVILLE L2L	15.4	0.20		3.1		3.1	0.1	3.0
LOWER MANNVILLE V2V	39.0	0.10		3.9		3.9	0.2	3.7
LIVINGSTONE C	787.0	0.10		78.7		78.7	54.1	24.6
LIVINGSTONE E	149.0	0.30		44.7		44.7	7.6	37.1
FIELD TOTAL *	1 158.8			156.0		156.0	74.0	82.0
TWO CREEK 065-15W5								
JURASSIC A	295.0	0.10		29.5		29.5	7.7	21.8
FIELD TOTAL *	295.0			29.5		29.5	7.7	21.8
VAUXHALL 012-18W4								
UPPER MANNVILLE H	107.0	<0.01		1.0		1.0	1.0	
LOWER MANNVILLE D	167.0	0.15		25.1		25.1	13.8	11.3
FIELD TOTAL *	274.0			26.1		26.1	14.8	11.3
VERGER 022-15W4								
MANNVILLE A	78.2	0.10		7.8		7.8	0.3	7.5
MANNVILLE D	279.0	<0.02		4.9		4.9	4.9	
MANNVILLE F	149.0	0.10		14.9		14.9	7.7	7.2
MANNVILLE M	94.6	0.10		9.5		9.5	1.6	7.9
UPPER MANNVILLE C	1 085.0	<0.03		25.0		25.0	23.0	2.0
UPPER MANNVILLE O	24.3	0.15		3.6		3.6	1.3	2.3
FIELD TOTAL *	1 710.1			65.7		65.7	38.8	26.9
VERMILION 050-05W4								
SPARKY A	7 722.0	0.10		772.0		772.0	729.0	43.0
SPARKY B	308.0	0.10		30.8		30.8	5.3	25.5
FIELD TOTAL	8 030.0			802.8		802.8	734.3	68.5
VIKING-KINSELLA 047-11W4								
UPPER MANNVILLE C	77.2	0.06		4.6		4.6	4.2	0.4
UPPER MANNVILLE K	100.0	<0.01		0.1		0.1	0.1	
UPPER MANNVILLE R	191.0	<0.01		1.3		1.3	1.3	
UPPER MANNVILLE X	5 501.0	0.10	0.25	550.0	1 375.0	1 925.0	399.4	1 525.6
WATER FLOOD								
UPPER MANNVILLE OO	146.0	<0.01		0.4		0.4	0.4	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
380	3.41	0.200	0.40	0.94	16	915	29	10 144	-71.5	972.3	1963	1995-12 GPP
24	8.45	0.190	0.40	0.94	16	945	36	10 098	-64.8	975.8	1965	1992-12 ABAND 1994
64	5.96	0.170	0.46	0.96	16	934	36	9 803	-59.3	953.2	1973	1989-12 GPP
472	2.06	0.200	0.45	0.96	10	915	32	9 751	-79.7	960.4	1974	1993-06 GPP
32	2.00	0.160	0.65	0.96	10	917	32	10 149	-70.6	986.3	1987	1988-07 GPP
16	8.00	0.240	0.34	0.96	20	938	28			736.0	1996	1998-04 GPP
229	2.05	0.160	0.31	0.88	91	934	65	14 782	-867.3	1 703.0	1990	1994-02 GPP
32	6.00	0.150	0.43	0.86	58	978	52	16 181	-895.8	1 707.0	1979	1980-02 ABAND 1991
16	4.00	0.180	0.34	0.97	45	957	46	14 040	-817.9	1 619.5	1988	1994-11 ABAND 1994
16	1.30	0.160	0.40	0.93	32	946	33			991.7	1997	1998-05 GPP
16	1.50	0.170	0.36	0.96	79	945	33	10 644	-222.6	1 076.3	1994	1996-07 GPP
48	2.04	0.160	0.36	0.96	20	874	32	11 217	-221.8	1 009.4	1995	1998-04 GPP
16	1.90	0.190	0.46	0.91	40	902	32	10 608	-213.0	1 004.7	1995	1996-01 GPP
16	1.10	0.190	0.43	0.81	83	890	35	10 032	-219.7	1 050.1	1995	1996-03 GPP
16	1.70	0.190	0.18	0.92	23	913	35		-197.7	992.9	1997	1997-08 GPP
108	5.92	0.170	0.23	0.94	24	934	35	10 173	-198.4	1 026.8	1994	1998-12 GPP
45	3.24	0.160	0.30	0.91	41	908	32		-201.0	1 024.2	1997	1998-12
32	7.70	0.200	0.32	0.88	42	948	65		-705.6	1 680.0	1995	1997-11
16	8.00	0.150	0.35	0.86	62	900	37	11 645	-244.7	1 080.9	1980	1984-12 GPP
48	2.50	0.210	0.27	0.91	40	902	32	9 632	-228.0	1 027.4	1995	1997-09 GPP
16	4.00	0.200	0.35	0.94	19	960	40	10 378	-330.5	1 057.4	1960	1997-12 GPP
192	2.56	0.180	0.65	0.90	41	915	46	10 492	-330.8	1 062.2	1970	1998-12 ABAND 1997
64	1.50	0.260	0.33	0.89	45	892	38	10 051	-401.7	1 170.3	1980	1985-04 GPP
16	5.30	0.200	0.38	0.90	46	915	35		-287.0	1 038.8	1997	1998-10 GPP
192	6.58	0.160	0.39	0.88	57	881	36	10 130	-279.0	983.1	1970	1992-12 GPP
16	1.00	0.230	0.25	0.88	39	928	35	9 714	-311.8	1 045.0	1996	1997-11
1 325	2.71	0.280	0.20	0.96	11	965	27	5 431	74.7	559.3	1939	1995-10 GPP
114	1.17	0.330	0.27	0.96	11	965	27	3 163	69.4	577.8	1966	1998-01 GPP
16	3.35	0.250	0.40	0.96	18	946	28	4 741	-23.4	688.2	1975	1993-12 GPP
65	0.91	0.290	0.39	0.96	19	952	29	5 423	-67.5	765.5	1975	1977-03 ABAND 1987
16	7.70	0.300	0.45	0.94	21	927	31	6 600	-55.6	752.1	1972	1992-11 ABAND 1996
1 052	2.69	0.270	0.25	0.96	18	970	29	5 753	-24.7	744.6	1978	1998-12 GPP
16	5.40	0.280	0.37	0.96	17	949	30	5 487	-42.8	746.3	1980	1988-12

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
VIKING-KINSELLA 047-11W4 (CONTINUED)								
UPPER MANNVILLE R3R	148.0	0.15		22.2		22.2	2.4	19.8
UMNV, COLONY & WABAMUN MU NO 1	469.0	0.03		14.1		14.1	7.3	6.8
COLONY YY	127.0	<0.01		0.1		0.1	0.1	
COLONY ZZ	82.6	<0.01		0.5		0.5	0.5	
COLONY QOO	139.0	<0.03		3.0		3.0	0.8	2.2
COLONY ZZZ	82.1	<0.01		0.6		0.6	0.6	
SPARKY E	5 975.0	0.10		598.0		598.0	197.2	400.8
SPARKY F TOTAL	5 679.0			441.0	1 829.0	2 270.0	1 743.6	526.4
PRIMARY AREA	452.0	0.05		22.6		22.6		
WATER FLOOD AREA	5 227.0	0.08	0.35	418.0	1 829.0	2 247.0		
SPARKY G	241.0	0.01		2.4		2.4	1.0	1.4
SPARKY I WATER FLOOD	599.0	0.10	0.35	59.9	210.0	270.0	101.5	168.5
SPARKY J	308.0	<0.01		0.6		0.6	0.6	
SPARKY DD	63.3	0.05		3.2		3.2	0.2	3.0
SPARKY HH	491.0	0.05		24.6		24.6	1.2	23.4
SPARKY II	97.3	0.05		4.9		4.9	0.1	4.8
SPARKY JJ	2 202.0	0.10		220.0		220.0	33.4	186.6
SPARKY PP	40.7	0.05		2.0		2.0	0.6	1.4
WAINWRIGHT B WATER FLOOD	20 910.0	0.05	0.30	1 046.0	6 273.0	7 319.0	6 116.5	1 202.5
WAINWRIGHT D	1 022.0	<0.03		22.7		22.7	22.7	
WAINWRIGHT E	78.7	0.01		0.8		0.8	0.8	
WAINWRIGHT H	136.0	<0.01		0.7		0.7	0.7	
D-2 H	31.5	<0.09		2.6		2.6	2.6	
D-2 J	138.0	<0.04		5.0		5.0	5.0	
FIELD TOTAL	45 075.4			3 031.3	9 687.0	12 718.4	8 644.8	4 073.6
VULCAN 017-24W4								
BOW ISLAND A	45.3	0.10		4.5		4.5	1.5	3.0
FIELD TOTAL *	45.3			4.5		4.5	1.5	3.0
WAINWRIGHT 045-06W4								
VIKING, COLONY G.R.V.W & EE	137.0	0.07		9.6		9.6	7.0	2.6
COLONY P	63.0	<0.09		5.2		5.2	4.6	0.6
COLONY CC	686.0	0.14		96.0		96.0	81.7	14.3
COLONY MM	37.7	<0.01		0.1		0.1	0.1	
COLONY NN	21.2	<0.01		0.1		0.1	0.1	
COLONY CCC	42.6	<0.01		0.1		0.1	0.1	
COLONY JJJ	153.0	<0.03		3.5		3.5	3.5	
COLONY ZZZ	308.0	<0.01		0.2		0.2	0.2	
COLONY C2C	176.0	0.10		17.6		17.6	0.2	17.4
COLONY A2A & SPARKY C	81.0	<0.02		1.3		1.3	1.3	
SPARKY B	439.0	<0.07		27.0		27.0	24.2	2.8
SPARKY F	91.2	0.05		4.6		4.6	3.5	1.1
SPARKY G	99.0	0.07		6.9		6.9	6.7	0.2
SPARKY H	50.2	<0.01		0.1		0.1	0.1	
SPARKY J TOTAL	416.0			29.2	58.9	88.1	79.4	8.7
PRIMARY AREA	106.0	0.10		10.6		10.6		
WATER FLOOD AREA	310.0	0.06	0.19	18.6	58.9	77.5		
SPARKY K	31.2	<0.04		1.0		1.0	1.0	
SPARKY L	31.0	<0.02		0.6		0.6	0.6	
SPARKY N	46.2	<0.01		0.1		0.1	0.1	
SPARKY O	51.2	<0.01		0.1		0.1		0.1
SPARKY P	44.2	<0.01		0.3		0.3	0.3	
SPARKY R	34.8	<0.01		0.1		0.1	0.1	
SPARKY U	24.7	<0.01		0.1		0.1	0.1	
SPARKY W	39.5	<0.01		0.1		0.1		0.1
SPARKY X	40.0	<0.01		0.2		0.2	0.2	
SPARKY Y	26.1	<0.01		0.2		0.2	0.2	
SPARKY BB	88.1	<0.01		0.1		0.1	0.1	
SPARKY CC	477.0	0.02		9.5		9.5	4.8	4.7
SPARKY EE	52.1	0.05		2.6		2.6	0.4	2.2
WAINWRIGHT B TOTAL	4 337.0			217.0	401.0	618.0	290.5	327.5
PRIMARY AREA	1 829.0	0.05		91.5		91.5		
WATER FLOOD AREA	2 508.0	0.05	0.16	125.0	401.0	526.0		
WAINWRIGHT C TOTAL	2 098.0			126.0	65.2	191.0	152.8	38.2

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
8	8.80	0.310	0.31	0.98	9	971	28			614.3	1976	1998-06 GPP
192	1.87	0.233	0.34	0.85	64	864	33	5 397	-65.9	765.3	1978	1996-08 GPP
64	1.30	0.320	0.50	0.95	21	946	28	4 961	50.3	652.7	1981	1988-12
16	2.40	0.320	0.30	0.96	17	964	25	4 720	80.0	620.7	1976	1992-10 ABAND 1994
16	4.60	0.300	0.30	0.90	18	961	92	3 135	77.8	601.7	1976	1998-08
16	4.00	0.250	0.43	0.90	38	926	28	5 330	-41.8	741.0	1991	1992-06 ABAND 1992
745	3.40	0.320	0.24	0.97	10	950	20	5 257	25.0	647.5	1985	1997-12 GPP
1 302					18	928	28	5 763	-30.3	724.7	1981	1995-12
192	1.40	0.250	0.30	0.96								
1 110	2.92	0.240	0.30	0.96								GPP
32	3.49	0.300	0.25	0.96	17	934	28	5 367	13.9	656.3	1985	1997-07
140	2.24	0.300	0.33	0.95	21	910	30	5 469	-69.7	772.0	1988	1995-12 GPP
16	13.80	0.200	0.28	0.97	13	931	24	5 469	-19.5	730.5	1988	1989-05 ABAND 1989
8	3.70	0.300	0.25	0.95	18	912	29		-16.3	722.2	1996	1997-06
131	1.88	0.300	0.30	0.95	18	912	29	5 290	-11.5	722.2	1995	1997-07
16	2.50	0.320	0.20	0.95	18	912	29		10.4	656.3	1997	1997-10 GPP
508	2.26	0.270	0.26	0.96	17	959	27	6 038	-22.2	740.8	1997	1998-12 GPP
8	2.40	0.290	0.23	0.95	18	945	29		-17.5	708.5	1998	1998-11 GPP
3 134	3.46	0.300	0.33	0.96	15	927	27	4 935	-0.6	664.4	1973	1995-07 GPP
156	3.46	0.290	0.32	0.96	17	965	28	5 389	7.0	684.5	1976	1997-12 ABAND 1997
16	2.44	0.280	0.25	0.96	17	965	27	5 139	8.5	673.0	1976	1989-12 ABAND 1992
32	2.21	0.300	0.34	0.97	15	958	27	5 010	15.0	688.1	1978	1983-12
16	2.48	0.126	0.35	0.97	20	970	28	4 963	-56.3	761.8	1986	1996-07 GPP
16	6.70	0.170	0.22	0.97	20	970	28	4 789	-38.1	625.5	1987	1996-07 GPP
16	4.30	0.140	0.50	0.94	48	900	39	6 795	-390.4	1 401.4	1994	1995-11 GPP
32	1.95	0.330	0.30	0.95	20	946	30	5 654	62.2	598.7	1929	1983-04 GPP
16	1.83	0.310	0.27	0.95	15	946	27	4 041	43.5	626.8	1972	1997-12 GPP
96	3.51	0.300	0.30	0.97	16	955	31	4 439	62.3	593.4	1973	1996-12 GPP
16	1.70	0.280	0.50	0.99	12	947	25	4 535	54.2	643.9	1984	1988-12
16	1.00	0.250	0.43	0.93	29	980	28	4 000	63.6	591.9	1982	1985-09 ABAND 1986
16	2.00	0.290	0.46	0.85	20	930	25	4 238	60.1	588.6	1980	1996-07 GPP
16	6.00	0.240	0.30	0.95	23	953	22	4 200	46.6	631.0	1991	1998-12 GPP
16	11.75	0.220	0.24	0.98	11	969	18		60.8	594.1	1993	1998-12 GPP
16	4.80	0.330	0.29	0.98	10	967	25			603.5	1997	1998-04 GPP
16	2.13	0.330	0.25	0.96	16	959	31	4 354	34.9	657.3	1975	1996-07
48	7.42	0.250	0.47	0.93	14	959	27	4 417	3.0	646.7	1967	1997-12 GPP
32	2.28	0.240	0.44	0.93	15	921	27	4 632	22.8	639.7	1975	1979-11 GPP
32	2.00	0.260	0.38	0.96	16	945	25	4 642	23.9	635.5	1978	1995-12 GPP
16	3.00	0.220	0.50	0.95	23	950	28	4 615	24.7	628.3	1980	1980-09
156					14	960	30	4 651	25.1	661.3	1957	1997-12 GPP
56	1.20	0.270	0.37	0.93								
100	1.96	0.270	0.37	0.93								
8	2.50	0.250	0.33	0.93	32	904	30	3 192	25.9	615.8	1981	1996-07 GPP
8	2.30	0.270	0.35	0.96	16	921	33	3 942	27.0	614.4	1982	1996-07 GPP
16	2.70	0.230	0.50	0.93	14	960	25	4 419	22.8	648.2	1983	1988-12 ABAND 1989
16	2.50	0.250	0.45	0.93	14	960	23	4 012	25.0	626.3	1984	1988-12 ABAND 1990
16	2.00	0.270	0.45	0.93	14	960	27	4 490	20.3	625.2	1984	1984-09 ABAND 1985
16	1.70	0.250	0.45	0.93	20	960	25	3 345	18.0	630.3	1984	1984-11 ABAND 1990
16	1.20	0.260	0.48	0.95	12	960	23	3 997	21.6	652.0	1984	1989-12
16	1.60	0.280	0.42	0.95	21	980	28	4 314	23.0	634.4	1985	1985-09 ABAND 1985
16	1.70	0.280	0.44	0.94	12	939	26	4 064	28.8	614.2	1985	1988-12 ABAND 1997
16	1.30	0.270	0.50	0.93	12	924	26	4 465	25.6	680.8	1985	1996-07 GPP
16	3.20	0.280	0.36	0.96	15	920	33	4 172	0.8	672.4	1988	1996-05 ABAND 1993
170	1.72	0.250	0.32	0.96	15	920	33	4 198	3.7	677.5	1993	1998-12 GPP
8	2.90	0.300	0.22	0.96	15	956	29			677.9	1976	1998-08 GPP
904					14	904	27	4 654	18.7	661.4	1974	1993-01
388	3.19	0.270	0.43	0.96								
516	3.41	0.270	0.45	0.96								GPP
363					15	921	27	4 647	17.9	689.7	1931	1993-05

TABLE 2-6

FIELD POOL	1	2 3		4 5 6			7	8
	INITIAL VOLUME IN PLACE	RECOVERY		INITIAL ESTABLISHED RESERVES			CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES
		PRIMARY	ENHANCED	PRIMARY	ENHANCED	TOTAL		
	10 ³ m ³	frac	frac	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³	10 ³ m ³
WAINWRIGHT 045-06W4 (CONTINUED)								
PRIMARY AREA	468.0	0.06		28.1		28.1		
WATER FLOOD AREA	1 630.0	0.06	0.04	97.8	65.2	163.0		
WAINWRIGHT	45 380.0			3 441.0	12 200.0	15 640.0	14 148.3	1 491.7
SPARKY A & Z TOTAL								
PRIMARY AREA	4 724.0	0.12		595.0		595.0		
WATER FLOOD AREA	40 660.0	0.07	0.30	2 846.0	12 200.0	15 040.0		
GENERAL PETROLEUM B	81.2	<0.01		0.4		0.4	0.4	
GENERAL PETROLEUM C	24.0	<0.01		0.1		0.1	0.1	
REX A	80.0	<0.01		0.3		0.3	0.3	
REX B	5.5	0.05		0.3		0.3	0.3	
LLOYDMINSTER A	133.0	0.15		20.0		20.0	16.5	3.5
LLOYDMINSTER B	128.0	<0.04		4.0		4.0	4.0	
LLOYDMINSTER C	88.9	<0.01		0.1		0.1	0.1	
DETRITAL B	68.6	<0.01		0.2		0.2	0.2	
NISKU E	29.8	<0.10		2.8		2.8	2.8	
NISKU F	19.4	<0.01		0.1		0.1	0.1	
NISKU A & CAMROSE A	6 653.0	0.12		798.0		798.0	600.5	197.5
FIELD TOTAL	62 913.4			4 826.8	12 725.1	17 550.7	15 437.5	2 113.2
WARWICK 052-14W4								
UPPER MANNVILLE J	726.0	<0.04		23.6		23.6	23.6	
UPPER MANNVILLE V	38.2	<0.01		0.1		0.1	0.1	
FIELD TOTAL	764.2			23.7		23.7	23.7	
WELLBURN 009-18W4								
SAWTOOTH A & LIVINGSTONE A	79.9	0.25		20.0		20.0	7.4	12.6
FIELD TOTAL *	79.9			20.0		20.0	7.4	12.6
WETASKIWIN 047-24W4								
ELLERSLIE B	14.5	0.20		2.9		2.9	0.3	2.6
FIELD TOTAL	14.5			2.9		2.9	0.3	2.6
WILDMERE 048-05W4								
UPPER MANNVILLE A	69.1	<0.03		1.8		1.8	1.8	
COLONY I	436.0	0.05		21.8		21.8	17.2	4.6
COLONY U	151.0	<0.01		0.1		0.1	0.1	
COLONY B2B	29.7	0.05		1.5		1.5	0.2	1.3
COLONY C2C	80.7	0.04		3.2		3.2	3.0	0.2
COLONY D2D	45.7	0.05		2.3		2.3	0.1	2.2
COLONY BB, MCLAREN A & WASECA A	1 102.0	<0.01		0.4		0.4	0.4	
MCLAREN C	99.6	0.20		19.9		19.9	0.1	19.8
SPARKY B	3 200.0	0.12		384.0		384.0	297.9	86.1
SPARKY G	164.0	0.05		8.2		8.2	6.5	1.7
SPARKY H	200.0	<0.03		5.6		5.6	5.6	
SPARKY I	40.2	<0.01		0.1		0.1	0.1	
SPARKY M	65.6	<0.01		0.1		0.1	0.1	
SPARKY N	11 880.0	0.03		356.0		356.0	269.6	86.4
SPARKY O	733.0	0.05		36.7		36.7	14.2	22.5
SPARKY Q	115.0	<0.01		0.1		0.1	0.1	
SPARKY FF	29.7	0.05		1.5		1.5	0.1	1.4
SPARKY R &	119.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM C								
SPARKY J &	180.0	<0.01		1.6		1.6	1.6	
GENERAL PETROLEUM B								
GENERAL PETROLEUM A	400.0	0.07		28.0		28.0	24.4	3.6
GENERAL PETROLEUM D	101.0	<0.01		0.1		0.1	0.1	
GENERAL PETROLEUM G	1 041.0	0.20	0.10	208.0	104.0	312.0	43.0	269.0
WATER FLOOD								
GENERAL PETROLEUM H	71.7	0.10		7.2		7.2	1.7	5.5
GENERAL PETROLEUM J	73.5	0.10		7.4		7.4	1.5	5.9
LLOYDMINSTER B	217.0	<0.01		1.4		1.4	1.4	
LLOYDMINSTER C	2 050.0	<0.02		29.4		29.4	29.4	
LLOYDMINSTER D	201.0	<0.02		3.4		3.4	3.4	
LLOYDMINSTER E	140.0	<0.02		1.6		1.6	1.6	
LLOYDMINSTER F	190.0	<0.01		0.3		0.3	0.3	

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
161	1.82	0.260	0.34	0.93								
202	5.06	0.260	0.34	0.93								
6 891					15	921	27	4 923	23.9	624.9	1923	1998-12 GPP
1 004	2.48	0.300	0.32	0.93								
5 887	3.25	0.313	0.27	0.93								
8	5.18	0.310	0.32	0.93	24	904	23	4 469	10.8	638.1	1975	1992-11 ABAND 1976
8	2.70	0.240	0.50	0.93	10	906	30	4 359	24.0	662.2	1985	1996-07 ABAND 1993
16	3.50	0.240	0.38	0.96	16	893	26	6 336	8.7	647.0	1986	1996-07
16	0.70	0.220	0.75	0.90	43	924	32	6 305	5.1	701.3	1985	1989-02 GPP
10	7.92	0.300	0.40	0.93	14	921	28	4 391	21.3	652.6	1968	1996-12 GPP
16	3.39	0.330	0.25	0.95	32	959	28	4 577	-0.5	679.6	1974	1992-11 ABAND 1983
16	3.00	0.300	0.35	0.95	21	952	28	4 612	3.8	663.8	1981	1982-05 ABAND 1981
16	2.50	0.330	0.35	0.80	90	855	29	4 407	-4.6	688.7	1984	1996-07 GPP
16	4.90	0.090	0.56	0.96	15	953	25	4 426	0.4	664.8	1985	1996-04 ABAND 1993
16	3.00	0.100	0.58	0.96	15	953	24	4 418	12.7	659.0	1985	1986-06 ABAND 1987
1 128	5.56	0.170	0.35	0.96	14	957	24	4 340	4.6	657.4	1982	1994-10 GPP
128	3.42	0.275	0.33	0.90	22	910	29	5 724	-3.9	652.5	1971	1988-12 ABAND 1996
16	1.52	0.270	0.40	0.97	11	927	29	5 171	40.6	584.8	1977	1979-12 ABAND 1978
48	2.31	0.150	0.46	0.89	48	907	33	10 401	-156.5	1 031.5	1995	1997-07 GPP
8	1.60	0.180	0.31	0.91	37	934	45	10 400	-621.6	1 399.4	1995	1996-05
16	1.83	0.320	0.24	0.97	15	952	21	4 237	40.5	595.0	1975	1988-12 GPP
64	2.99	0.320	0.28	0.99	8	977	22	4 030	91.3	576.8	1981	1998-03 GPP
16	4.30	0.320	0.30	0.98	15	970	22	4 077	96.3	560.5	1974	1988-12 ABAND 1992
8	1.80	0.310	0.32	0.98	33	978	22			544.7	1975	1998-03 GPP
16	3.00	0.260	0.34	0.98	9	967	20			496.2	1976	1998-08 GPP
8	2.60	0.280	0.20	0.98	9	974	22		98.7	541.7	1990	1998-10 GPP
48	9.00	0.310	0.16	0.98	7	987	28	3 985	72.3	602.4	1978	1998-12
16	3.00	0.310	0.31	0.97	15	928	24		95.8	578.2	1997	1997-10 GPP
594	2.59	0.320	0.33	0.97	15	959	32	6 998	48.4	607.0	1965	1998-02 GPP
64	1.75	0.280	0.46	0.97	14	939	26	3 973	53.0	591.3	1979	1981-02 GPP
73	1.60	0.290	0.39	0.97	10	953	25	3 290	62.8	550.2	1979	1995-05 ABAND 1993
16	1.20	0.300	0.28	0.97	10	958	25	3 310	60.2	548.7	1980	1988-12 ABAND 1993
16	2.20	0.320	0.40	0.97	12	984	25	5 959	50.8	586.9	1981	1982-05 ABAND 1985
1 045	5.40	0.310	0.30	0.97	14	966	23	4 674	61.9	563.4	1982	1997-12 GPP
112	3.06	0.300	0.28	0.99	10	973	28	4 300	37.9	657.8	1982	1984-08 GPP
16	3.20	0.310	0.25	0.97	25	980	25	4 301	37.3	633.4	1984	1988-12 ABAND 1995
16	1.00	0.330	0.42	0.97	10	974	22		54.4	610.5	1996	1997-06 GPP
32	2.00	0.300	0.36	0.97	11	982	29	4 286	36.5	620.1	1981	1984-12 ABAND 1986
48	1.87	0.300	0.31	0.97	13	950	25	4 470	37.9	601.0	1979	1992-11 GPP
64	2.98	0.300	0.28	0.97	11	935	29	4 486	39.8	624.9	1975	1995-12 GPP
16	2.90	0.320	0.30	0.97	12	987	24	4 518	36.4	639.3	1986	1986-11 ABAND 1988
254	2.13	0.320	0.38	0.97	10	975	22	4 099	45.3	643.6	1996	1998-10 GPP
16	2.00	0.330	0.30	0.97	15	928	24		49.4	611.0	1997	1997-11 GPP
16	2.12	0.290	0.23	0.97	15	928	24			576.0	1997	1998-12 GPP
16	5.48	0.310	0.19	0.99	9	965	26	4 902	1.8	591.6	1953	1989-12
208	4.52	0.290	0.24	0.99	9	990	27	4 937	5.5	641.9	1978	1998-12 GPP
16	4.92	0.310	0.17	0.99	9	990	25	4 661	10.1	685.8	1977	1996-07 GPP
16	4.20	0.280	0.25	0.99	12	990	24	4 851	6.2	648.9	1980	1989-12 GPP
16	5.00	0.300	0.20	0.99	9	990	25	4 540	9.2	672.5	1981	1982-05 ABAND 1987

* FIELD HAS RESERVES BOOKED FOR LIGHT-MEDIUM AND HEAVY CRUDE CATEGORIES

9	10	11	12	13	14	15	16	17	18	19	20	21
AREA	AVERAGE PAY THICKNESS	POROSITY	WATER SATN	SHRINKAGE	INITIAL SOLUTION GOR	DENSITY	TEMP	INITIAL PRESSURE	DATUM DEPTH	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED AND REMARKS
ha	m	frac	frac	frac	m ³ /m ³	kg/m ³	°C	kPa	m MSL	m KB		
16	4.00	0.300	0.25	0.99	9	984	25	4 555	7.7	631.3	1981	1982-07 ABAND 1985
16	4.00	0.270	0.22	0.99	9	990	29	4 592	5.5	684.0	1981	1982-10 ABAND 1986
16	3.50	0.250	0.30	0.99	9	988	23	4 631	7.1	650.3	1982	1988-12 GPP
16	5.70	0.280	0.25	0.96	38	952	24	4 705	11.4	701.7	1983	1983-11 ABAND 1988
32	4.90	0.290	0.38	0.97	16	983	26	5 166	0.2	652.6	1983	1997-09 GPP
16	5.50	0.290	0.30	0.99	27	979	25	4 850	4.3	643.5	1982	1983-04 GPP
16	5.80	0.300	0.20	0.97	16	932	26	4 848	7.9	644.8	1982	1997-10 GPP
176	6.35	0.300	0.24	0.99	16	980	26	4 923	4.0	652.6	1983	1987-07 GPP
16	6.50	0.300	0.20	0.97	16	986	26	4 653	9.3	646.6	1983	1984-11 GPP
16	4.00	0.270	0.40	0.97	16	986	26	4 793	9.1	651.0	1984	1996-06 GPP
28	6.25	0.310	0.24	0.97	16	969	26	5 045	-1.2	669.2	1984	1996-12 GPP
16	7.50	0.310	0.20	0.99	12	990	30	3 658	0.5	657.8	1986	1996-07 GPP
2 993					10	946	26	4 824	1.5	627.2	1963	1998-07 GPP
2 369	5.55	0.320	0.23	0.97								
624	8.05	0.320	0.23	0.97								
48	4.16	0.200	0.39	0.94	22	930	34	9 673	-25.0	978.8	1981	1984-09 GPP
16	9.80	0.220	0.10	0.96	9	915	32	9 814	-38.3	989.9	1994	1998-11 ABAND 1998
94	9.53	0.220	0.33	0.98	10	934	31	9 697	-15.0	949.0	1967	1997-09 GPP
394					10	934	31	9 673	-12.3	957.4	1967	1998-08
8	6.10	0.210	0.26	0.98								
386	3.80	0.210	0.32	0.98								GPP
128	4.81	0.170	0.32	0.97	10	937	30	9 217	5.5	952.5	1979	1998-06 GPP
224					10	935	30	9 861	-76.0	1 026.8	1979	1998-04
112	5.60	0.170	0.50	0.95								
112	6.41	0.180	0.49	0.95								GPP
193	3.86	0.200	0.50	0.97	10	935	30	9 548	-15.0	971.6	1966	1998-03 GPP
16	6.20	0.170	0.39	0.98	7	938	30			941.9	1997	1998-05 GPP
119	3.10	0.180	0.46	0.92	37	940	30			968.3	1971	1998-12 GPP

3 RESERVES OF CRUDE BITUMEN AND SYNTHETIC CRUDE OIL

3.1 Provincial Summary

In estimating Alberta's crude bitumen reserves the Board makes separate calculations for those reserves likely to be recovered by surface-mining and by in situ methods. Established surface-mineable reserves are calculated from all areas from which crude bitumen may reasonably be presumed to be recoverable. The Board also shows that portion of the total established surface-mineable reserves that are within approved active developments. Due to concerns regarding the certainty of in situ recovery technology, the Board had previously chosen to limit established in situ reserves to only those areas under active in situ development. The Board now has less concerns in this regard and intends to calculate a recoverable estimate for those areas lying outside the development areas. This much larger reserve figure will be published in forthcoming reports when it becomes available. The initial volume in-place estimate, from which the larger reserve figure will be calculated, has been published in previous reports.

The Board estimates the initial volume in-place of crude bitumen in Alberta as of 31 December 1998 to be 269.8 billion cubic metres. Remaining established reserves of crude bitumen by surface-mineable and in situ methods as of this date are estimated to be 6.9 billion cubic metres of which, 1.3 billion cubic metres are within active development areas. A summary of the in-place and established mineable and in situ bitumen reserves follows:

Recovery Method	Initial Volume In-Place ^a	Initial Established Reserves	Cumulative Production	Remaining Established Reserves	Remaining Established Reserves Under Active Development
	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³
Surface-mineable	24 100	6 730	325	6 405	886
In situ	245 700	570	120	450	450
Total	269 800	7 300	445	6 855	1 336
	(1 698 000) ^b	(45 940) ^{a,b}	(2 800) ^b	(43 140) ^{a,b}	(8 407) ^b

a Numbers are rounded to 4 significant figures.

b Imperial equivalent in millions of stock-tank barrels.

The changes in established crude bitumen reserves for 1998 are shown in the following table. In previous reports this table has shown the changes within the active development areas only. The large values for 1998 and 1997 for the surface-mineable reserves are a result of showing all of Alberta's reserves in the surface-mineable area and not just those areas under active development. As in past reports, in situ reserves represent only those reserves under active development. In future reports, when calculations are complete, the in situ reserves will be revised to reflect the full extent of those reserves in the province. The crude bitumen changes are:

	1998	1997	Change
	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³
Initial Established Reserves			
Surface-mineable	6 730	6 730	-
In situ ^a	570	377 ^c	+ 193
Total	7 300 (45 940) ^b	7 107 (44 720) ^b	+ 193
Cumulative Production			
Surface-mineable	325	304	+ 21
In situ	120	103 ^c	+ 17
Total	445	407	+ 38
Remaining Established Reserves			
Surface-mineable	6 405	6 426	- 21
In situ ^a	450	274 ^c	+ 176
Total	6 855 (43 140) ^b	6 700 (42 160) ^b	+ 155

a Only values for areas under active development currently available.

b Imperial equivalent in millions of stock-tank barrels.

c For 1997 only experimental scheme reserves and production were updated.

Synthetic crude oil production resulting from the crude bitumen production from the two surface mining projects amounted to 17.8 million cubic metres in 1998 with 12.3 million cubic metres from the Syncrude project and 5.5 million cubic metres from the Suncor project.

3.2 Initial In-Place Volumes of Crude Bitumen

Alberta's massive crude bitumen resources are contained in sand and carbonate sedimentary formations in the Athabasca, Cold Lake and Peace River oil sands areas. Oil Sands Area Orders (OSA Orders) outline the general areal extent of crude bitumen occurrence and Oil Sands Deposit Orders (OSD Orders) outline the specific geological zones which have been declared as oil sands deposits.

Initial in-place volumes of crude bitumen in each deposit were estimated using drillhole data and geophysical logs. The crude bitumen within the Cretaceous sands was determined using a minimum saturation cut-off of 3 mass per cent crude bitumen, and a minimum saturated zone thickness of 1.5 metres. The crude bitumen within the carbonate deposits was determined using a minimum bitumen saturation of 30 per cent of pore volume and a porosity value of 5 per cent.

3.2.1 Surface Mineable Area (SMA)

The SMA is defined as that part of the Athabasca Wabiskaw-McMurray deposit where the total overburden and top reject generally do not exceed 75 metres.

The initial volume in-place and initial established mineable reserves remain unchanged from the volumes reported in 1994. The initial volume in-place of crude bitumen within the potentially mineable areas is estimated to be 24.1 billion cubic metres.

3.2.2 In Situ Area

The 1998 in situ resources include a continuation of the conversion from the former manual process to an automated mapping and resource evaluation system. As a result, the resources for most of the pools within the Cold Lake and Peace River areas have been determined from the geological maps instead of the original building block methods. These volumetric resources are presented on a pool basis in Table 3-2. Individual maps to year-end 1995 are provided in Statistical Series 96-38.¹ Conversion to isopach maps is also planned for other oil sands areas.

The total initial volumes of crude bitumen in-place for the designated deposits at 31 December 1998 was 245.7 billion cubic metres.

3.3 Surface Mineable Crude Bitumen and Synthetic Crude Oil Reserves

3.3.1 Crude Bitumen Reserves

Potential mineable areas were identified by economic strip ratio (ESR) criteria, a minimum saturation of 5 mass per cent bitumen, a maximum shale content of 45 volume per cent, and a minimum saturated zone thickness of 1.5 metres. The ESR criteria are fully explained in Appendix III of ERCB Report 79-H².

The initial mineable volume in-place of crude bitumen within the potentially mineable areas is estimated to be 11.2 billion cubic metres.

Reduction factors were applied to the initial mineable reserve volume to determine the established mineable reserve volume. These factors account for ore sterilization due to environmental protection corridors along major rivers (10%), isolated ore bodies (10%), location of surface facilities (plant sites, tailings ponds, waste dumps) (10%) and mining/extraction losses (18%).

1 Alberta Energy and Utilities Board, 1996. *Crude Bitumen Reserves Atlas*. Statistical Series 96-38. Calgary, Alberta.

2 Energy Resources Conservation Board, 1979, *Alsands Fort McMurray Project*. ERCB Report 79-H. Calgary, Alberta.

The resulting initial established mineable reserve of crude bitumen is estimated to be 6.7 billion cubic metres.

Only a small fraction of the initial established mineable reserve is under active development. Currently, Suncor and Syncrude are the only two active projects in the SMA and the cumulative bitumen production from these projects is 325 million cubic metres. However, both Suncor and Syncrude expanded their operations in 1998 and Shell Canada Limited received project approval in early 1999.

The remaining established mineable crude bitumen reserve as at 31 December 1998 is 6.4 billion cubic metres.

The crude bitumen reserves categories are presented in Figure 3-1.

The remaining established mineable crude bitumen reserves from deposits under active development at 31 December 1998 are shown below:

Development	Project Area ^a	Initial Mineable Volume In-Place ^b	Initial Established Mineable Reserve ^b	Cumulative Production	Remaining Established Mineable Reserve
	ha	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³
Suncor ^c	6 882	470	291	120	171
Syncrude ^d	21 672	1 411	920	205	715
Total	28 554	1 881	1 211	325	886

a The project areas correspond to the areas defined in the project approval.

b Definitions are given in Figure 3-1.

c Includes the Steepbank project area.

d Includes the Aurora project area.

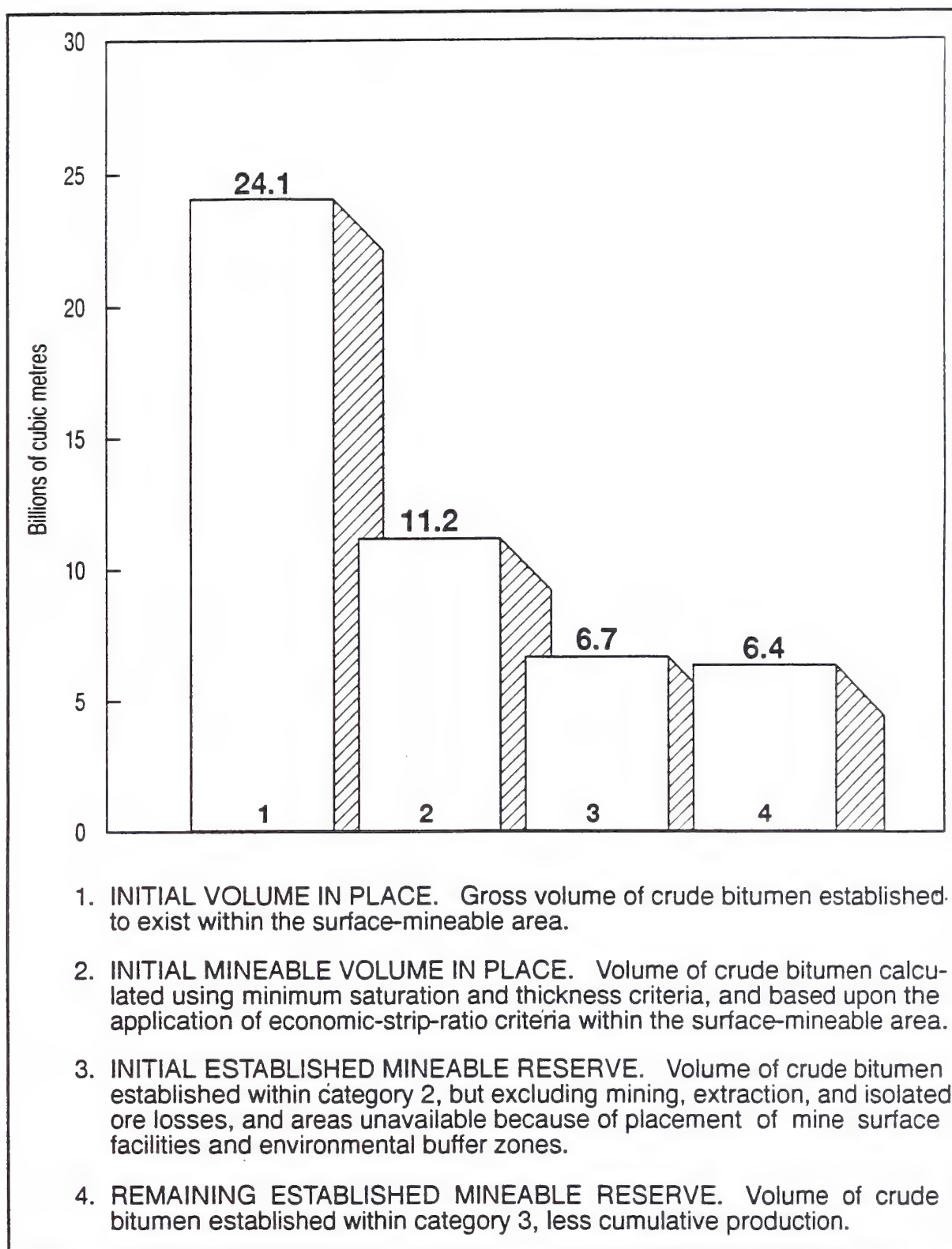


FIGURE 3-1 CRUDE BITUMEN RESERVES CATEGORIES WITHIN THE SURFACE-MINEABLE AREA

3.3.2 Synthetic Crude Oil Reserves

The yield of synthetic crude oil through upgrading of crude bitumen is dependant upon the type of upgrading technology used, the use of products as fuel in the upgrading, the extent of gas liquids recovery, and the extent of residue upgrading. The yield factor for the current Suncor delayed coking operation is 0.80, while that for the current fluid coking/hydrocracking operation at Syncrude is 0.84.

The remaining established reserves of synthetic crude oil from the upgrading of the 6.4 billion cubic metres of crude bitumen in the SMA are estimated to be 5.8 billion cubic metres. This estimate is based on an average yield factor of 0.91 which reflects the assumed use of high conversion, hydrogen addition upgrading technologies for the future development of the SMA crude bitumen reserves.

3.4 In Situ Crude Bitumen Reserves

The Board has assigned initial volumes in place and initial and remaining established reserves for commercial projects, primary recovery schemes and experimental schemes where all or a portion of the wells have been drilled and completed. An aggregate reserve is shown for all experimental schemes as well as an estimate of initial volumes in place and cumulative production. An aggregate reserve is also shown for all commercial and primary recovery schemes within given oil sands areas.

For commercial projects, only the areas actually developed for thermal recovery have been included in the established reserves, notwithstanding the size of the approved project areas. The initial volume in place for developed areas in each project was based on the assigned drainage areas and had regard for the spacing of the individual wells or well clusters. Established reserves were then determined for the currently approved recovery mechanism. It should be noted that future experimentation and technological improvements may result in higher recovery of crude bitumen. For those projects with a primary recovery (pumping wells at initial reservoir temperature) component, the in-place volume was based on the assumed full development of all approved scheme areas.

The initial established primary reserves for the Lindbergh area are based on a 5 per cent average recovery factor. The recovery factor of 25 per cent for thermal commercial projects reflects the application of various steaming strategies and project designs.

The initial established reserves of crude bitumen from in situ areas was estimated to be 569.7 million cubic metres, an increase of 193.0 million cubic metres. The increase is a result of a two year update to commercial projects and primary recovery schemes and a one year update to experimental schemes.

The initial established reserves were determined by totalling the individual project reserves in each deposit. The individual project reserves estimates were based on historical and predicted production levels for each project.

For the active experimental schemes, the initial established reserve figure of 1.6 million cubic metres was based on current well productivity, cumulative production and the forecast production to the expiry date of each experimental scheme.

The Board's 1998 estimate of the established in situ crude bitumen reserves is shown in Table 3-1.

TABLE 3-1 Established In Situ Crude Bitumen Reserves In Areas Under Active Development
As at 31 December 1998

Development	Initial Volume in Place ^a	Recovery Factor	Initial Established Reserves	Cumulative Production ^b	Remaining Established Reserves
	10 ⁶ m ³	Percentage	10 ⁶ m ³	10 ⁶ m ³	10 ⁶ m ³
Peace River Oil Sands Area					
Thermal Commercial Projects	<u>21.6</u>	40.0	<u>8.6</u>	<u>5.4</u>	<u>3.2</u>
Subtotal	21.6		8.6	5.4	3.2
Athabasca Oil Sands Area					
Primary Recovery Schemes	<u>1 163.7</u>	5.0	<u>58.1</u>	<u>3.9</u>	<u>54.2</u>
Subtotal	1 163.7		58.1	3.9	54.2
Cold Lake Oil Sands Area					
Thermal Commercial Projects	790.0	25.0	197.5	83.0	114.5
Primary	<u>601.1</u>	5.0	<u>30.0</u>	<u>10.6</u>	<u>19.4</u>
Primary Recovery Schemes	4 044.1	5.0	202.2	11.0	191.2
Other Lindbergh					
Primary	<u>1 306.4</u>	5.0	<u>65.3</u>	<u>2.1</u>	<u>63.2</u>
Subtotal	6 741.6		495.0	106.7	388.3
Experimental Schemes					
Active	12.7	15.1	1.9	0.9	1.0
Terminated	<u>65.0</u>	9.5	<u>6.1</u>	<u>3.5</u>	<u>2.6</u>
Subtotal	<u>77.7</u>		<u>8.0</u>	<u>4.4</u>	<u>3.6</u>
Total	8 004.6		569.7	120.4	449.3

a Thermal reserves are assigned only for lands approved for thermal recovery and having completed drilling development.

b Cumulative production to 31 December 1998 includes amendments to production reports.

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1	2	3	4		5	6	7
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	AREA 10 ³ ha	AVERAGE PAY THICKNESS m	BITUMEN SATURATION		POROSITY	WATER SATN	
				mass frac	pore vol frac	frac	frac	REMARKS
ATHABASCA								
UPPER GRAND RAPIDS 150 - 450+	5 274.00	334.00	9.0	0.062	0.55	0.30	0.45	
SUBTOTAL	5 274.00							
MIDDLE GRAND RAPIDS 150 - 450+	2 354.00	182.00	5.0	0.077	0.68	0.30	0.32	
SUBTOTAL	2 354.00							
LOWER GRAND RAPIDS 150 - 450+	1 050.00	173.00	6.0	0.051	0.45	0.30	0.55	
SUBTOTAL	1 050.00							
WABISKAW-MCMURRAY								
0 - 20	6 874.00	88.00	39.0	0.091		0.27	0.25	WITHIN MINEABLE AREA
20 - 40	7 378.00	98.00	39.0	0.087		0.27	0.27	WITHIN MINEABLE AREA
40 - 80	7 341.00	97.00	41.0	0.085		0.27	0.29	WITHIN MINEABLE AREA
80 - 120	2 551.00	26.00	51.0	0.088		0.26	0.24	WITHIN MINEABLE AREA
80 - 750+	119 234.00	4 329.00	19.0	0.079	0.62	0.28	0.38	BEYOND MINEABLE AREA
SUBTOTAL	143 378.00							
NISKU 200 - 800+	10 330.00	499.00	8.0	0.057	0.63	0.21	0.37	
SUBTOTAL	10 330.00							
GROSMONT								
D	19 890.00	1 063.00	16.0	0.058	0.67	0.20	0.33	
C	15 390.00	1 189.00	10.0	0.050	0.75	0.16	0.25	
B	5 380.00	976.00	5.0	0.043	0.69	0.15	0.31	
A	9 840.00	939.00	10.0	0.035	0.60	0.14	0.40	
SUBTOTAL	50 500.00							
COLD LAKE								
UPPER GRAND RAPIDS 300 - 600 BUILDING BLOCK ISOPACH	6 186.40	812.00	6.0	0.081	0.58	0.30	0.42	
COLONY 1								
LINDBERGH C	0.18	0.05	1.5	0.115	0.79	0.31	0.21	
BEAVERDAM A	7.33	1.05	2.9	0.115	0.79	0.31	0.21	
BEAVERDAM B	4.75	0.52	3.5	0.122	0.84	0.31	0.16	
BEAVERDAM C	2.03	0.26	3.1	0.119	0.76	0.33	0.24	
BEAVERDAM/BONNYVILLE A	12.11	1.90	2.6	0.116	0.80	0.31	0.20	
SUBTOTAL	26.41							
COLONY 2								
FROG LAKE A	2.01	0.47	1.8	0.109	0.75	0.31	0.25	
FROG LAKE B	0.11	0.04	1.3	0.093	0.67	0.30	0.33	
FROG LAKE C	0.35	0.12	1.3	0.103	0.74	0.30	0.26	
FROG LAKE D	0.29	0.10	1.3	0.099	0.71	0.30	0.29	
FROG LAKE E	0.43	0.13	1.4	0.106	0.79	0.29	0.21	
FROG LAKE F	0.33	0.10	1.7	0.092	0.69	0.29	0.31	
FROG LAKE M	0.55	0.14	1.8	0.100	0.72	0.30	0.28	
FROG LAKE N	0.80	0.25	1.5	0.099	0.71	0.30	0.29	
FROG LAKE O	0.15	0.03	2.5	0.096	0.66	0.31	0.34	
LINDBERGH A	0.83	0.26	1.6	0.091	0.68	0.29	0.32	
LINDBERGH D	1.20	0.13	3.4	0.130	0.86	0.32	0.14	
LINDBERGH E	6.11	0.39	5.3	0.139	0.92	0.32	0.08	
LINDBERGH F	0.85	0.09	3.3	0.136	0.90	0.32	0.10	
LINDBERGH G	2.35	0.33	2.7	0.124	0.82	0.32	0.18	
LINDBERGH J	3.56	0.60	2.6	0.106	0.76	0.30	0.24	
LINDBERGH K	6.23	0.92	3.0	0.107	0.74	0.31	0.26	
LINDBERGH L	1.99	0.31	2.4	0.125	0.83	0.32	0.17	
SUBTOTAL	27.83							
COLONY 3								
FROG LAKE G	0.48	0.09	2.1	0.116	0.83	0.30	0.17	
FROG LAKE H	0.15	0.06	1.2	0.096	0.69	0.30	0.31	
FROG LAKE I	1.61	0.23	2.9	0.111	0.80	0.30	0.20	
FROG LAKE J	1.03	0.20	2.2	0.112	0.74	0.32	0.26	
FROG LAKE L	130.95	6.43	7.4	0.130	0.86	0.32	0.14	

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1	2	3	4		5	6	7
	INITIAL VOLUME IN PLACE 106m3	AREA 103ha	AVERAGE PAY THICKNESS m	BITUMEN SATURATION		POROSITY frac	WATER SATN frac	
				mass frac	pore vol frac			REMARKS
COLONY 3 (CONTINUED)								
FROG LAKE P	0.70	0.15	2.3	0.092	0.69	0.29	0.31	
LINDBERGH H	2.04	0.24	3.2	0.124	0.82	0.32	0.18	
LINDBERGH I	0.15	0.02	2.9	0.121	0.80	0.32	0.20	
SUBTOTAL	137.10							
COLONY CHANNEL								
ST. PAUL A	6.41	0.68	3.2	0.140	0.89	0.33	0.11	
SUBTOTAL	6.41							
GRAND RAPIDS 2								
BEAVERDAM A	3.86	0.70	2.3	0.112	0.74	0.32	0.26	
BEAVERDAM B	1.96	0.39	2.5	0.094	0.70	0.29	0.30	
BEAVERDAM D	1.12	0.25	2.0	0.103	0.71	0.31	0.29	
BEAVERDAM E	0.23	0.11	0.9	0.111	0.71	0.33	0.29	
BEAVERDAM G	1.41	0.30	1.9	0.115	0.76	0.32	0.24	
BEAVERDAM H	9.97	1.34	3.0	0.118	0.78	0.32	0.22	
BEAVERDAM I	0.40	.11	1.4	0.130	0.77	0.35	0.23	
FROG LAKE/BEAVERDAM A	64.45	6.69	3.7	0.125	0.77	0.34	0.23	
BEAVERDAM/BONNYVILLE A	2.59	0.53	2.1	0.112	0.74	0.32	0.26	
SUBTOTAL	85.99							
GRAND RAPIDS CHANNEL								
WOLF LAKE A	14.90	0.35	14.8	0.140	0.80	0.36	0.20	
SUBTOTAL	14.90							
WASECA								
FROG LAKE A	1.09	0.38	1.7	0.076	0.57	0.29	0.43	
FROG LAKE B	71.88	3.98	7.3	0.116	0.77	0.32	0.23	
BEAVERDAM A	4.59	0.21	8.6	0.121	0.77	0.33	0.23	
BEAVERDAM B	9.72	0.30	10.7	0.145	0.89	0.34	0.11	
BEAVERDAM C	6.57	0.15	15.0	0.140	0.86	0.34	0.14	
FROG LAKE/LINDBERGH A	135.86	15.56	4.3	0.095	0.68	0.30	0.32	
SUBTOTAL	301.96							
LOWER GRAND RAPIDS 300 - 600								
BUILDING BLOCK	8 932.70	708.00	6.0	0.106	0.60	0.31	0.27	
ISOPACH								
SPARKY								
FROG LAKE A	4.60	0.75	2.9	0.100	0.69	0.31	0.31	
FROG LAKE B	0.30	0.06	2.2	0.109	0.72	0.32	0.28	
FROG LAKE C	0.79	0.16	2.2	0.107	0.74	0.31	0.26	
FROG LAKE D	0.21	0.07	1.7	0.083	0.62	0.29	0.38	
FROG LAKE E	1.54	0.31	2.6	0.087	0.65	0.29	0.35	
FROG LAKE F	12.36	1.47	3.1	0.130	0.83	0.33	0.17	
FROG LAKE G	0.51	0.06	3.2	0.123	0.85	0.31	0.15	
FROG LAKE H	0.09	0.02	1.7	0.127	0.81	0.33	0.19	
FROG LAKE I	5.72	0.74	2.6	0.144	0.85	0.35	0.15	
LINDBERGH A	54.96	8.17	3.1	0.102	0.70	0.31	0.30	
LINDBERGH C	0.91	0.37	1.4	0.084	0.60	0.30	0.40	
LINDBERGH D	26.51	4.05	2.7	0.116	0.74	0.33	0.26	
LINDBERGH E	0.12	0.09	0.8	0.078	0.67	0.26	0.33	
LINDBERGH F	0.31	0.14	1.3	0.081	0.58	0.30	0.42	
LINDBERGH I	0.13	0.07	0.9	0.100	0.64	0.33	0.36	
LINDBERGH K	0.84	0.24	1.7	0.093	0.67	0.30	0.33	
LINDBERGH L	2.93	0.49	2.1	0.140	0.83	0.35	0.17	
LINDBERGH M	7.10	0.85	3.1	0.130	0.83	0.33	0.17	
BEAVERDAM A	3.90	0.30	5.2	0.119	0.73	0.34	0.27	
BEAVERDAM B	3.40	0.33	4.8	0.103	0.63	0.34	0.37	
BEAVERDAM C	6.53	0.79	3.0	0.130	0.80	0.34	0.20	
BEAVERDAM D	30.23	3.48	3.3	0.124	0.82	0.32	0.18	
BEAVERDAM E	27.25	3.41	3.0	0.127	0.81	0.33	0.19	
BEAVERDAM F	8.07	1.17	2.6	0.129	0.82	0.33	0.18	
BEAVERDAM H	1.68	0.21	2.9	0.133	0.79	0.35	0.21	
COLD LAKE A	9.74	1.00	3.7	0.128	0.76	0.35	0.24	
COLD LAKE B	1.77	0.27	2.4	0.135	0.77	0.36	0.23	
MANN LAKE/SEIBERT LK A	6.61	5.50	4.4	0.129	0.82	0.33	0.18	
SUBTOTAL	521.08							
LOWER GRAND RAPIDS 2								
FROG LAKE 00	1.71	0.27	2.9	0.103	0.74	0.30	0.26	
FROG LAKE 00	0.55	0.10	2.2	0.119	0.82	0.31	0.18	

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1	2	3	4		5	6	7
	INITIAL VOLUME IN PLACE	AREA	AVERAGE PAY THICKNESS	BITUMEN SATURATION		POROSITY	WATER SATN	
	10 ⁶ m ³	10 ³ ha	m	mass frac	pore vol frac	frac	frac	
L GRD RP 2 (CONTINUED)								
LINDBERGH G	35.32	5.94	2.8	0.100	0.69	0.31	0.31	
LINDBERGH K	0.76	0.21	2.0	0.084	0.63	0.29	0.37	
LINDBERGH VV	0.36	0.12	1.5	0.095	0.68	0.30	0.32	
LINDBERGH WW	2.60	0.51	2.0	0.122	0.78	0.33	0.22	
BEAVERDAM A	4.66	1.67	1.8	0.069	0.62	0.25	0.38	
COLD LAKE A	3.09	0.89	1.5	0.111	0.71	0.33	0.29	
COLD LAKE D	0.58	0.19	1.2	0.122	0.75	0.34	0.25	
SUBTOTAL	49.63							
LOWER GRAND RAPIDS 3								
FROG LAKE C	4.80	0.46	4.4	0.112	0.77	0.31	0.23	
FROG LAKE D	10.38	1.09	3.7	0.121	0.80	0.32	0.20	
FROG LAKE E	4.50	0.88	2.3	0.106	0.73	0.31	0.27	
FROG LAKE F	0.41	0.10	1.9	0.098	0.73	0.29	0.27	
LINDBERGH F	31.58	3.02	4.2	0.118	0.78	0.32	0.22	
LINDBERGH L	1.58	0.24	2.9	0.108	0.69	0.33	0.31	
LINDBERGH M	8.40	1.46	2.7	0.100	0.69	0.31	0.31	
LINDBERGH O	11.50	1.54	3.7	0.095	0.68	0.30	0.32	
LINDBERGH P	2.04	0.25	3.5	0.110	0.76	0.31	0.24	
LINDBERGH Q	27.61	2.92	3.7	0.119	0.79	0.32	0.21	
LINDBERGH S	2.46	0.37	2.8	0.113	0.72	0.33	0.28	
LINDBERGH T	2.97	0.47	2.6	0.115	0.76	0.32	0.24	
LINDBERGH U	0.18	0.06	1.4	0.094	0.70	0.29	0.30	
LINDBERGH V	0.13	0.06	1.3	0.081	0.56	0.31	0.44	
LINDBERGH X	0.75	0.20	2.4	0.073	0.57	0.28	0.43	
LINDBERGH Y	1.61	0.35	2.5	0.086	0.59	0.31	0.41	
LINDBERGH Z	0.12	0.07	0.8	0.094	0.65	0.31	0.35	
LINDBERGH AA	3.26	0.50	3.1	0.099	0.71	0.30	0.29	
LINDBERGH BB	0.08	0.03	1.4	0.093	0.59	0.33	0.41	
LINDBERGH CC	2.18	0.31	3.0	0.110	0.76	0.31	0.24	
LINDBERGH OO	0.24	0.09	1.6	0.075	0.54	0.30	0.46	
LINDBERGH XX	0.32	0.09	1.9	0.086	0.62	0.30	0.38	
LINDBERGH YY	3.94	0.39	4.0	0.117	0.81	0.31	0.19	
FROG LAKE/LINDBERGH C	9.95	1.07	3.7	0.119	0.79	0.32	0.21	
FROG LAKE/BEAVERDAM A	3.85	0.55	2.8	0.119	0.73	0.34	0.27	
LINDBERGH/ST. PAUL A	9.58	0.81	4.6	0.121	0.80	0.32	0.20	
BEAVERDAM B	84.40	9.49	3.5	0.121	0.77	0.23	0.33	
BEAVERDAM G	1.46	0.25	2.4	0.115	0.76	0.32	0.24	
BEAVERDAM H	1.65	0.31	2.1	0.120	0.74	0.34	0.26	
COLD LAKE B	2.73	0.56	2.0	0.116	0.71	0.34	0.29	
WOLF LAKE D	23.34	2.64	3.1	0.139	0.82	0.35	0.18	
SUBTOTAL	258.00							
LOWER GRD RAP CHANNEL SD								
BEAVERDAM F	26.72	0.86	10.4	0.145	0.83	0.36	0.17	
WOLF LAKE F	101.14	3.39	10.3	0.140	0.83	0.35	0.17	
SUBTOTAL	127.86							
LOWER GRAND RAPIDS 4								
FROG LAKE G	9.15	0.97	3.6	0.124	0.79	0.33	0.21	
FROG LAKE I	15.37	1.52	4.0	0.121	0.80	0.32	0.20	
FROG LAKE J	1.49	0.21	2.8	0.118	0.78	0.32	0.22	
FROG LAKE K	0.80	0.06	4.3	0.146	0.93	0.33	0.07	
FROG LAKE L	0.60	0.11	2.1	0.121	0.80	0.32	0.20	
FROG LAKE M	1.04	0.21	2.2	0.107	0.71	0.32	0.29	
FROG LAKE N	2.88	0.34	3.1	0.129	0.82	0.33	0.18	
FROG LAKE P	1.97	0.22	3.2	0.135	0.86	0.33	0.14	
FROG LAKE Q	1.43	0.25	2.6	0.102	0.73	0.30	0.27	
FROG LAKE T	0.25	0.06	1.7	0.122	0.78	0.33	0.22	
FROG LAKE NN	5.41	0.42	5.8	0.104	0.72	0.31	0.28	
FROG LAKE PP	0.13	0.03	2.4	0.086	0.57	0.32	0.43	
LINDBERGH B	17.65	1.97	3.5	0.121	0.80	0.32	0.20	
LINDBERGH C	6.85	0.93	3.1	0.113	0.75	0.32	0.25	
LINDBERGH D	3.29	0.45	3.1	0.102	0.76	0.31	0.24	
LINDBERGH E	3.24	0.50	2.7	0.115	0.79	0.31	0.21	
LINDBERGH H	1.95	0.33	2.5	0.109	0.75	0.31	0.25	
LINDBERGH I	1.44	0.25	2.5	0.109	0.75	0.31	0.25	
LINDBERGH J	3.54	0.56	2.7	0.110	0.76	0.31	0.24	
LINDBERGH DD	0.31	0.08	2.0	0.092	0.61	0.32	0.39	
LINDBERGH EE	0.05	0.10	2.2	0.009	0.73	0.03	0.27	
LINDBERGH FF	1.50	0.26	2.4	0.115	0.76	0.32	0.24	
LINDBERGH GG	0.19	0.04	2.3	0.098	0.60	0.34	0.40	

TABLE 3-2

OIL SANDS AREA OIL SANDS DEPOSIT OIL SANDS SECTOR, OIL SANDS POOL OVERBURDEN DEPTH (m) OR ZONE	1	2	3	4		5	6	7
	INITIAL VOLUME IN PLACE	AREA	AVERAGE PAY THICKNESS	BITUMEN SATURATION		POROSITY	WATER SATN	
	10 ⁶ m ³	10 ³ ha	m	mass frac	pore vol frac	frac	frac	
L GRD RP 4 (CONTINUED)								
LINDBERGH HH	0.80	0.17	2.4	0.090	0.62	0.31	0.38	
LINDBERGH II	0.20	0.04	2.6	0.089	0.59	0.32	0.41	
LINDBERGH JJ	6.99	0.83	3.3	0.119	0.79	0.32	0.21	
LINDBERGH KK	0.63	0.13	2.2	0.105	0.67	0.33	0.33	
LINDBERGH MM	10.79	1.30	3.4	0.116	0.77	0.32	0.23	
LINDBERGH NN	2.73	0.38	2.9	0.119	0.76	0.33	0.24	
LINDBERGH PP	2.67	0.34	3.7	0.099	0.71	0.30	0.29	
LINDBERGH QQ	0.79	0.14	2.4	0.107	0.80	0.29	0.20	
LINDBERGH RR	0.05	0.02	1.4	0.089	0.64	0.30	0.36	
LINDBERGH SS	3.12	0.29	4.7	0.110	0.70	0.33	0.30	
LINDBERGH UU	0.57	0.10	2.4	0.113	0.75	0.32	0.25	
LINDBERGH ZZ	10.13	1.10	3.8	0.113	0.78	0.31	0.22	
LINDBERGH EEE	0.56	0.05	4.2	0.129	0.82	0.33	0.18	
LINDBERGH FFF	3.71	0.52	4.2	0.127	0.81	0.33	0.19	
LINDBERGH GGG	0.70	0.10	2.7	0.129	0.82	0.33	0.18	
LINDBERGH HHH	7.86	1.20	2.4	0.129	0.82	0.33	0.18	
LINDBERGH JJJ	2.20	0.27	3.0	0.127	0.84	0.32	0.16	
BEAVERDAM C	24.01	2.69	3.5	0.119	0.79	0.32	0.21	
COLD LAKE C	4.22	0.77	2.2	0.117	0.72	0.34	0.28	
LINDBERGH/ST. PAUL B	9.63	1.22	3.4	0.110	0.73	0.32	0.27	
SUBTOTAL	172.89							
LOWER GRAND RAPIDS 5								
LINDBERGH AAA	2.51	0.40	3.1	0.093	0.70	0.29	0.30	
LINDBERGH BBB	0.29	0.10	1.6	0.083	0.62	0.29	0.38	
LINDBERGH CCC	0.11	0.04	1.6	0.080	0.60	0.29	0.40	
ST. PAUL A	1.93	0.32	3.1	0.089	0.64	0.30	0.36	
ST. PAUL B	0.24	0.06	2.2	0.084	0.63	0.29	0.37	
SUBTOTAL	5.08							
LLOYDMINSTER								
FROG LAKE A	1.34	0.17	3.9	0.097	0.62	0.33	0.38	
FROG LAKE B	4.63	0.54	4.4	0.091	0.63	0.31	0.37	
FROG LAKE C	2.85	0.38	3.6	0.100	0.64	0.33	0.36	
LINDBERGH D	3.65	0.54	2.8	0.116	0.74	0.33	0.26	
LINDBERGH F	2.91	0.48	3.6	0.078	0.56	0.30	0.44	
LINDBERGH G	1.01	0.14	4.0	0.085	0.61	0.30	0.39	
LINDBERGH H	28.27	2.31	5.1	0.113	0.75	0.32	0.25	
LINDBERGH I	7.66	0.52	5.6	0.123	0.85	0.31	0.15	
LINDBERGH J	0.68	0.21	1.4	0.109	0.72	0.32	0.28	
BEAVERDAM A	128.78	6.39	8.9	0.107	0.71	0.32	0.29	
FROG LAKE/LINDBERGH A	5.31	0.59	4.6	0.091	0.63	0.31	0.37	
LINDBERGH/ST. PAUL B	60.39	2.43	8.9	0.133	0.85	0.33	0.15	
LINDBERGH/ST. PAUL C	3.81	0.34	4.7	0.113	0.75	0.32	0.25	
LINDBERGH/BEAVERDAM A	44.56	3.16	5.5	0.120	0.83	0.31	0.17	
LINDBERGH/BEAVERDAM/ BONNYVILLE A	511.25	19.81	8.9	0.138	0.85	0.34	0.15	
COLD LAKE A	15.74	1.29	4.7	0.125	0.74	0.35	0.26	
SUBTOTAL	822.84							
CLEARWATER								
300 - 600	11 051.00	589.00	15.0	0.089	0.64	0.30	0.36	
SUBTOTAL	11 051.00							
WABISKAW-MCMURRAY								
300 - 600								
BUILDING BLOCK	2 905.00	590.00	6.0	0.057	0.51	0.25	0.49	
ISOPACH								
CUMMINGS 1								
FROG LAKE A	4.07	0.69	2.4	0.116	0.83	0.30	0.17	
FROG LAKE B	1.52	0.17	3.4	0.124	0.82	0.32	0.18	
FROG LAKE C	5.20	0.66	3.0	0.122	0.81	0.32	0.19	
FROG LAKE/LINDBERGH A	38.28	3.76	3.9	0.122	0.84	0.31	0.16	
LINDBERGH/ST. PAUL A	273.08	29.62	3.9	0.109	0.78	0.30	0.22	
SUBTOTAL	322.16							
CUMMINGS 2								
ST. PAUL B	1.32	0.18	3.2	0.106	0.76	0.30	0.24	
LINDBERGH/ST. PAUL B	221.36	20.89	4.2	0.117	0.81	0.31	0.19	
SUBTOTAL	222.68							

DISCREPANCIES IN TOTAL AND SUBTOTALS ARE DUE TO ROUNDING



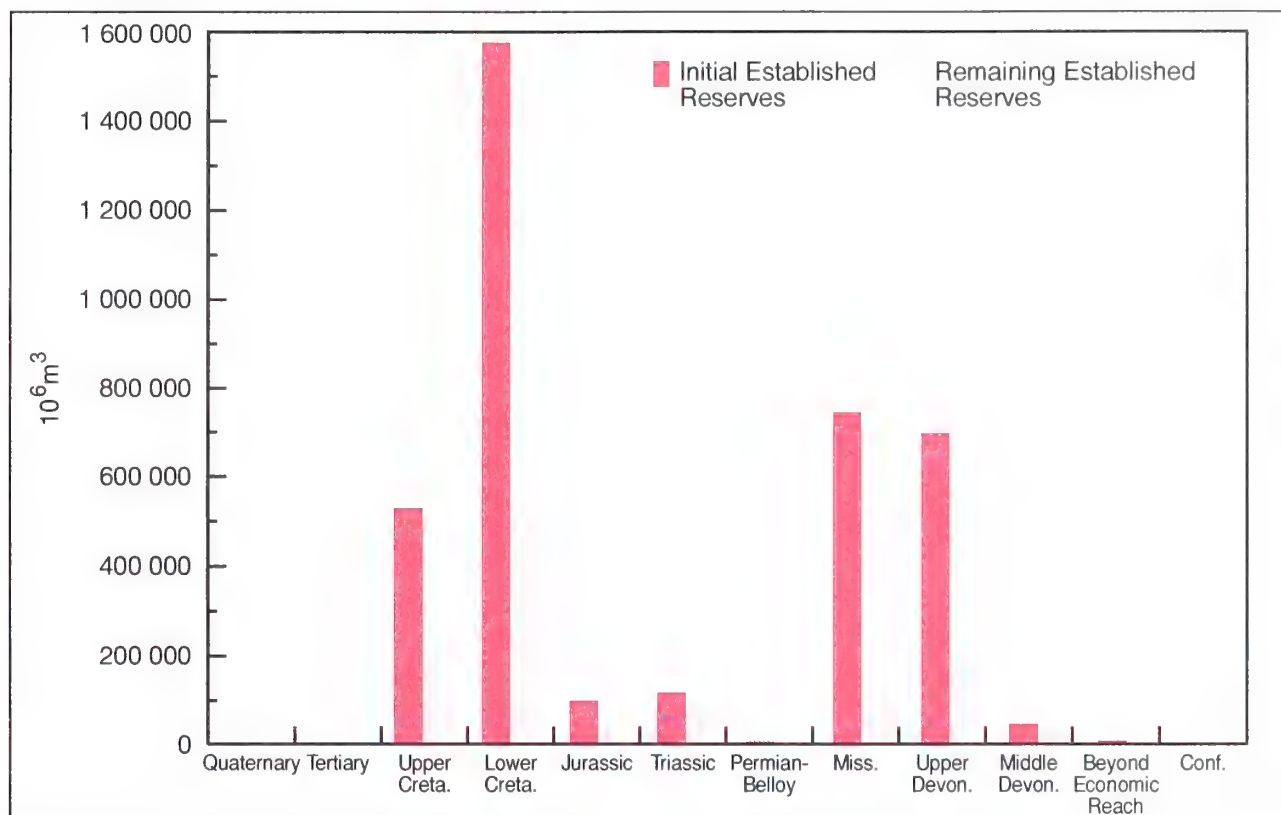


Figure 4-1 Geological Distribution of Reserves of Marketable Gas

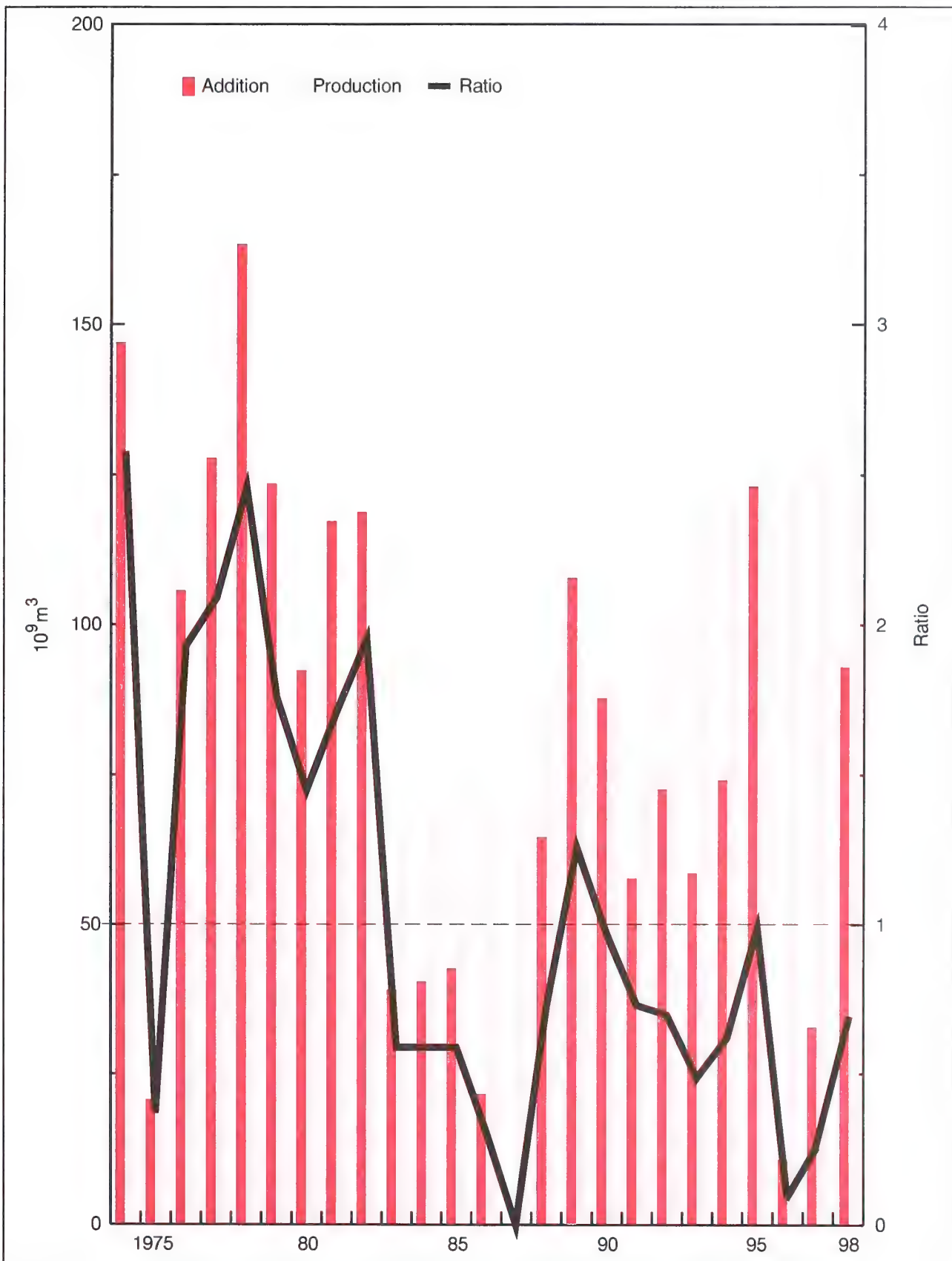


Figure 4-2 Additions to Established Reserves of Marketable Gas and Replacement Ratio

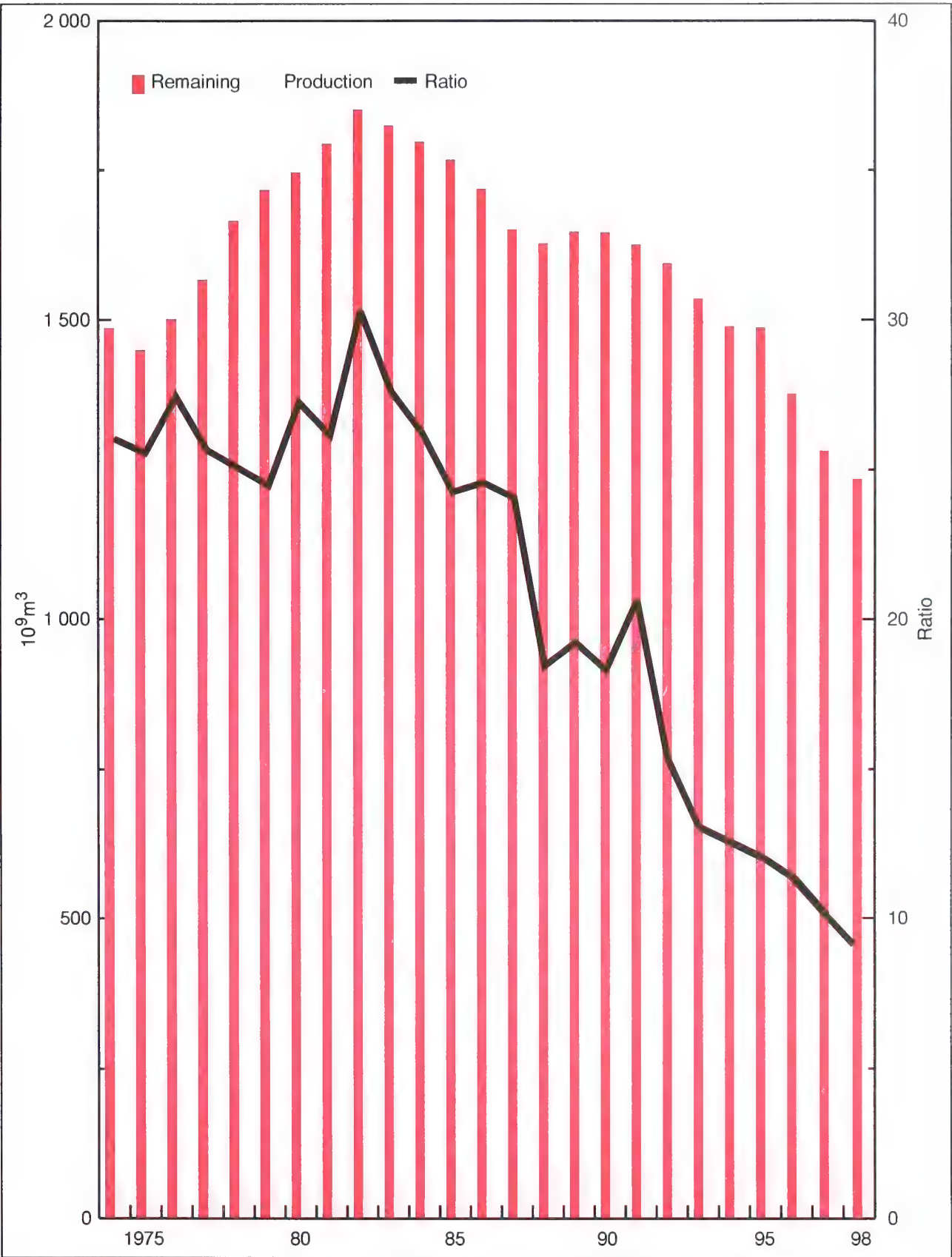


Figure 4-3 Remaining Established Reserves of Marketable Gas and Reserves / Production Ratio

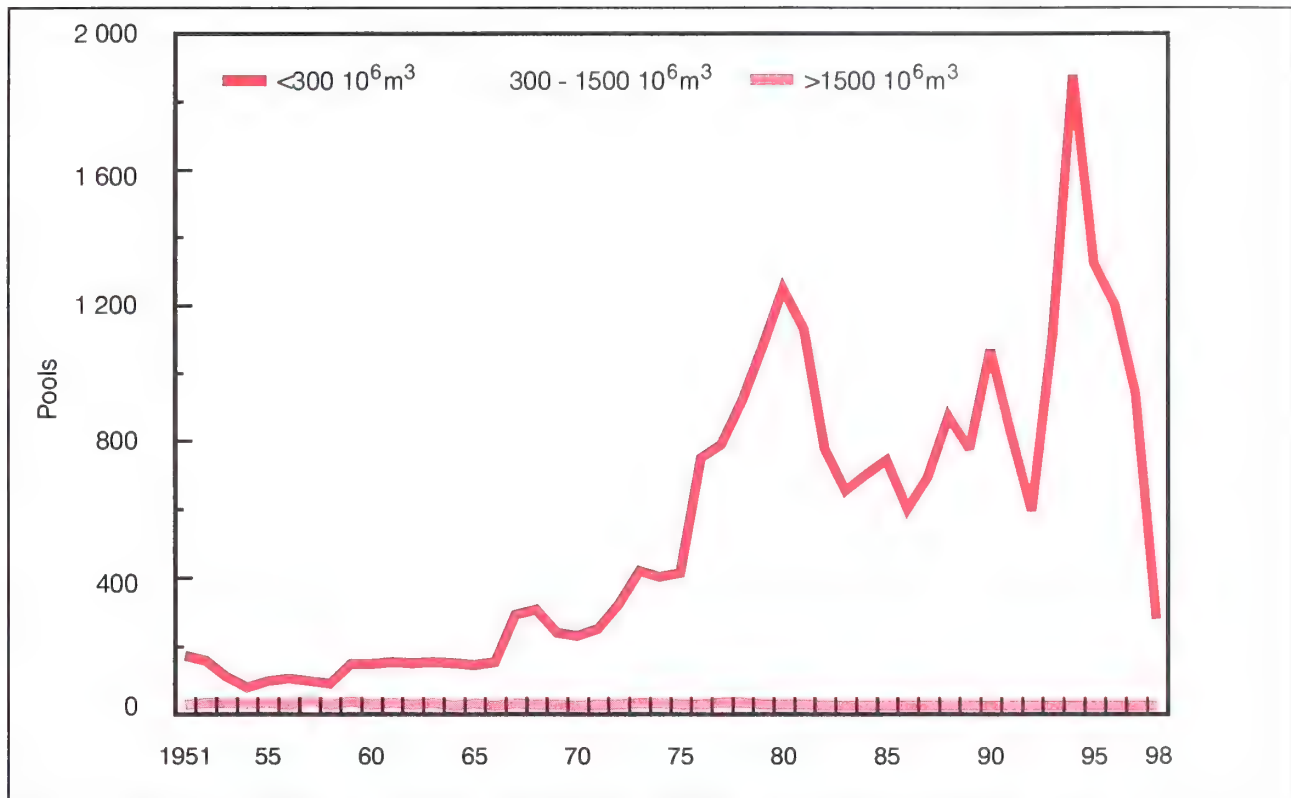


Figure 4-4 Number of Gas Pools Discovered by Size and Discovery Year as of Year-end 1998

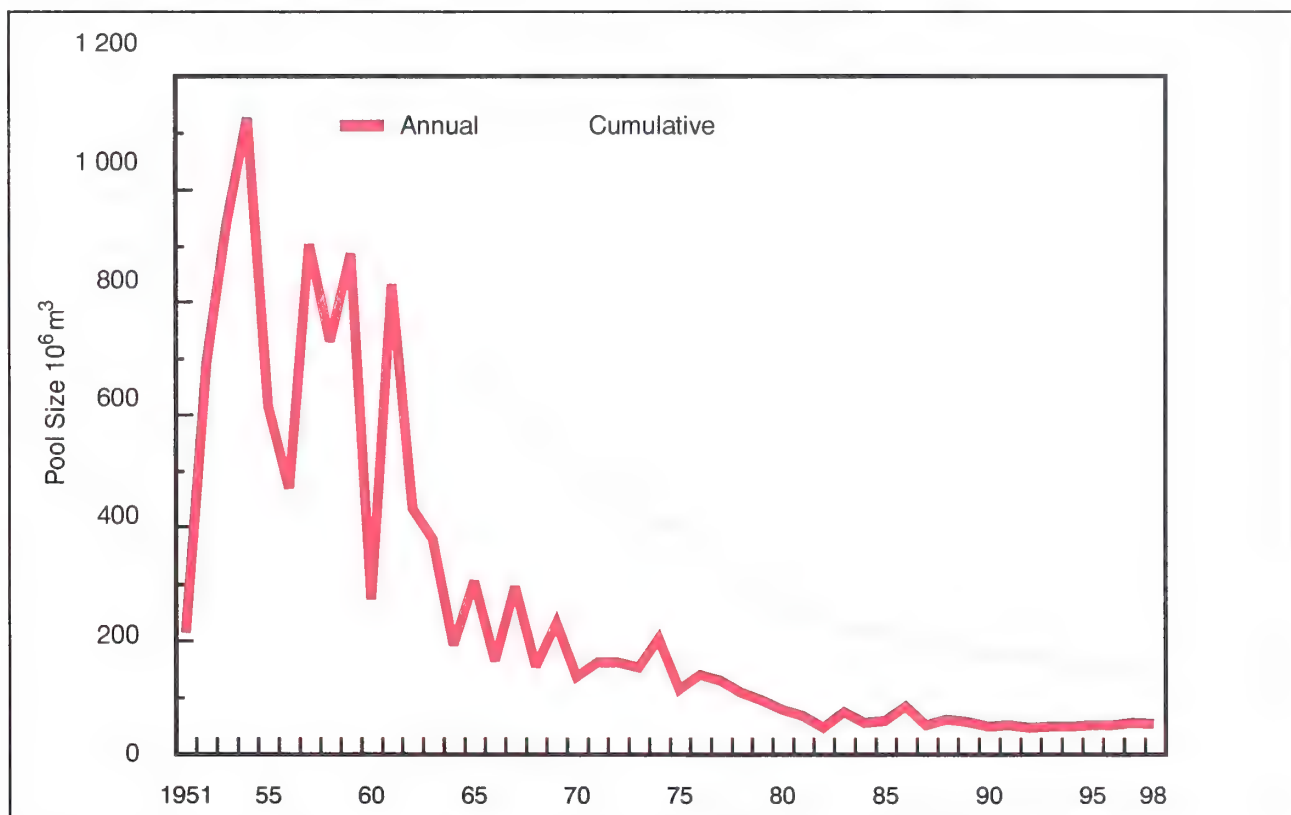


Figure 4-5 Average Annual and Cumulative Gas Pool Size as of Year-end 1998

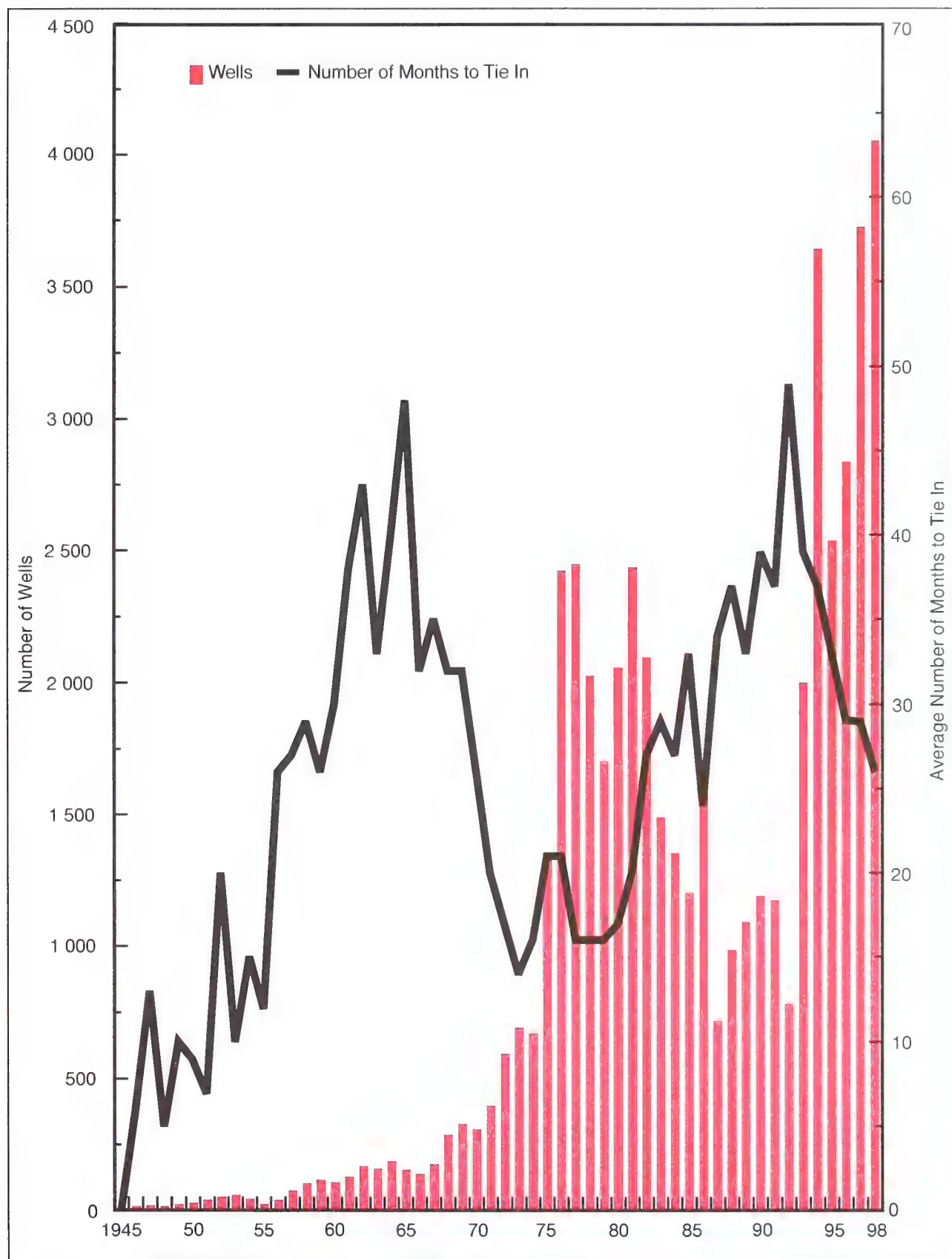


Figure 4-6 Gas Wells With Production in 1998 by the Year Well Placed on Production and the Average Number of Months to Tie In
(Years Prior to 1945 Excluded)

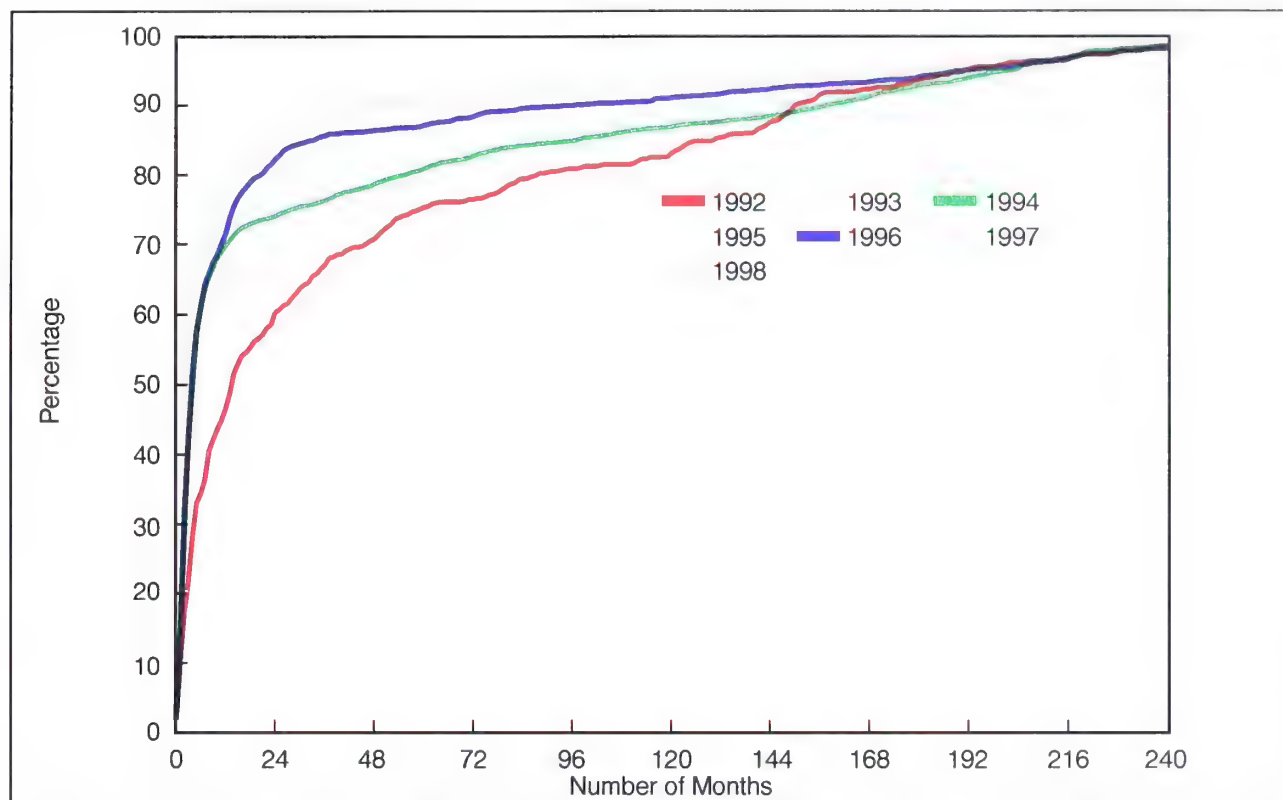


Figure 4-7 Comparison of the Number of Months Before Tie In for Gas Wells Placed on Production in 1992-1998 Versus Cumulative Percentage of Wells
(Excludes Wells Which Had Previously Been on Production From Another Event)

4 RESERVES OF GAS

4.1 Provincial Summary

The Board estimates the remaining established reserves of marketable gas in Alberta at 31 December 1998 to be 1240 billion cubic metres, having a thermal (heating value) energy content of 47.5 exajoules. This represents a net decrease of 44.0 billion cubic metres since 31 December 1997. The reserves include ethane and natural gas liquids subsequently recovered at reprocessing plants as discussed in Section 4.9.

The initial established reserves attributable to new pools discovered in 1998 totalled 13.4 billion cubic metres, while development and re-evaluation of existing reserves was 79.6 billion cubic metres. (See Section 8, Table 8-2). Excluding reductions made as a result of Unconnected Gas Review 98-1 described in Section 4.5 and the database clean-up reductions described in Section 4.6, the overall increase in initial established reserves of 114.0 billion cubic metres would have replaced 83 per cent of Alberta's 1998 production of 137.1 billion cubic metres. However, including the aforementioned reductions, the overall increase in initial established reserves was only 93.0 billion cubic metres or a 68 per cent replacement of production.

The changes in remaining reserves during 1998 are shown below:

Remaining Established Reserves of Marketable Gas				
	Actual Heating Value Basis	Change	37.4 MJ/m ³ Basis	Energy Content
	10 ⁹ m ³	10 ⁹ m ³	10 ⁹ m ³	10 ¹⁸ J
At 31 December 1997				
Associated and solution	222.7			
Non-associated	1 061.2			
Total	1 283.9		1 314.4	49.2
Additions during 1998	93.0		95.4	3.6
Less production during 1998	137.1		140.5	5.3
At 31 December 1998				
Associated and solution	216.3	- 6.4	230.3	8.6
Non-associated	1 023.6	- 37.6	1 039.0	38.9
Total	1 239.9 ^a (44 008) ^b	- 44.0	1 269.3 (45 053) ^c	47.5

a Discrepancies are due to rounding.

b Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

c Imperial equivalent in billions of cubic feet of 1000 British thermal units per cubic foot of gas.

At year-end 1998 gas reserves were assigned to 24 679 pools in the province. Of these, 18 300 had produced or are being produced and had remaining established reserves of 1042.4 billion cubic metres after cumulative production of 2570 billion. The 6379 pools not on production had aggregate initial established reserves of marketable gas of 197.5 billion cubic metres, including 13.7 billion cubic metres of associated initial marketable gas reserves (gas-cap gas) classified as deferred.

4.2 Reserves of Gas Containing Hydrogen Sulphide

Some 2716 gas pools in the province contain at least some hydrogen sulphide and are classed as "sour". The distribution of established reserves of sweet and sour gas is shown below:

Type of Gas	Raw Gas		Marketable Gas		
	Initial Volume in Place	Initial Producible	Initial Established Reserves	Net Cumulative Production	Remaining Established Reserves
10 ⁶ m ³					
Sweet					
Associated	377 712	297 317	448 356	305 976	142 380
Solution	688 400	266 301			
Non-associated	3 106 060	2 219 329			
Subtotal	4 172 172	2 782 947	2 506 487	1 602 448	904 039
Sour					
Associated	410 714	335 393	356 036	282 105	73 931
Solution	274 652	162 677			
Non-associated	1 703 566	1 305 806			
Subtotal	2 388 932	1 803 876	1 303 162	967 327	335 835
Total	6 561 104 (232 878) ^a	4 586 823 (162 803) ^a	3 809 649 (135 219) ^a	2 569 775 (91 211) ^a	1 239 874 (44 008) ^a
Sour Gas Percentage of Total	36.41	39.33	34.21	37.64	27.09

a Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

The distribution of sour gas reserves by hydrogen sulphide content in the raw gas is shown below:

H ₂ S Content in Raw Gas	Raw Gas						Marketable Gas			
	Initial Volume in Place			Initial Producible			Initial Established Reserves		Remaining Established Reserves	
	Assoc	Soln	Non-Assoc	Assoc	Soln	Non-Assoc	Assoc & Soln	Non-Assoc	Assoc & Soln	Non-Assoc
mole percentage	10 ⁶ m ³									
0.01-1.99	241 234	141 370	417 577	206 764	84 043	332 684	232 430	292 077	53 679	92 834
2.00-9.99	126 458	100 333	518 530	101 457	58 345	419 072	93 743	340 949	13 488	94 575
10.00-19.99	18 767	27 041	389 785	11 946	16 468	285 664	18 455	182 274	3 823	43 133
20.00-29.99	24 186	5 814	118 428	15 172	3 760	69 083	11 361	43 555	2 919	14 295
30.00-more	69	94	259 246	54	61	199 303	47	88 271	22	17 067
Total	410 714	274 652	1 703 566	335 393	162 677	1 305 806	356 036	947 126	73 931	261 904
Percentage of Total	17.19	11.50	71.31	18.59	9.02	72.39	27.32	72.68	22.01	77.99

The average H₂S concentration of the initial gas-in-place reserves of sour gas in the province at year-end 1998 is 9.95 per cent. The equivalent concentration based on initial producible reserves is 9.57 per cent.

The distribution of marketed gas production by hydrogen sulphide content in the raw gas is shown below:

H ₂ S Content in Raw Gas	1998 Cumulative Marketed Production		1998 Annual Marketed Production	
mole percentage	10 ⁶ m ³	percentage of total	10 ⁶ m ³	percentage of total
0.00	1 602 448	62.36	97 357	71.03
0.01-1.99	377 994	14.71	20 941	15.28
2.00-9.99	326 629	12.71	9 409	6.86
10.00-19.99	153 773	5.98	6 114	4.46
20.00-29.99	37 702	1.47	1 214	0.89
30.00 or more	71 229	2.77	2 029	1.48
Total	2 569 775	100.00	137 064	100.00

Sulphur reserves are discussed in Chapter 7.

4.3 Distribution of Gas Reserves by Pool Size

The distribution of initial and remaining established reserves of marketable gas among pools of different size ranges is shown below. For the purposes of this table, where gas production from two or more pools is commingled in the wellbore, the pools are considered as one pool, the SE Alta Gas System (MU) is considered on a field basis, and associated and solution gas reserves in a pool have been combined.

Reserve Range	Pools		Initial Established Marketable Reserves		Remaining Established Marketable Reserves	
	number	percentage of total	10 ⁶ m ³	percentage of total	10 ⁶ m ³	percentage of total
3000 or more	159	0.7	1 852 068	48.6	350 126	28.2
1500-2999	131	0.5	265 925	7.0	74 851	6.0
300-1499	1 213	4.9	720 582	18.9	269 844	21.8
1-299	23 176	93.9	971 074	25.5	545 053	44.0
Total	24 679	100.0	3 809 649 (135 219) ^a	100.0	1 239 874 (44 008) ^a	100.0

a Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

4.4 Growth of Marketable Gas Reserves

The addition of 93.0 billion cubic metres to the initial established reserves during 1998 resulted partly from 13.4 billion cubic metres from new discoveries made during the year. In addition 100.6 billion cubic metres were attributed to development drilling, the reassessment of previously discovered reserves and reserves discovered before 1998 but first recognized by the Board in 1998. However, 21.0 billion cubic metres were deleted from the reserves database as a result of Unconnected Gas Review 98-1¹ and database clean-up reductions.

The deletion of the 21.0 billion cubic metres of initial established reserves is discussed in more detail in Sections 4-5 and 4-6.

The reserve growth rate is more fully discussed in Chapter 8.

The pools for which initial marketable gas reserves were added or revised by 900 million cubic metres or greater in 1998 are listed in Table 4-1. The revisions occurred primarily as a result of detailed reviews of the reserves of these pools by operators and Board staff.

1 Energy Resources Conservation Board 1998. *Unconnected Gas Review 98-1*. GB 98-21. Calgary, Alberta.

4.5 Unconnected Gas Reserve Review

Unconnected gas reserves are those reserves assigned to pools that do not have any wells connected to a gathering system and/or have not been placed on production.

A staged process to review unconnected gas pools was planned and put into effect by the EUB and NEB as described in "EUB General Bulletin 95-16, *Unconnected Gas Review 95-1*", dated 13 October 1995. Previous reports documented the changes made to reserves as a result of the review of all unconnected pools up to 1987, inclusive.

Unconnected Gas Review 98-1 marked the beginning of the study of unconnected gas pools discovered in the "eleventh" year from the current year on an ongoing basis. This study of unconnected gas pools discovered in 1988 covered 339 pools, involved 104 companies and initial marketable gas reserves of 10.1 billion cubic metres. Responses were received from 60 companies controlling 271 pools containing reserves of 8.5 billion cubic metres of gas. The responding companies agreed with carrying reserves on 172 pools containing 4.5 billion cubic metres. Therefore, the difference of 4 billion cubic metres was deleted from the database. Added to this was a further 1.6 billion cubic metres for which there was absolutely no response from industry making the total reduction 5.6 billion cubic metres.

The total reduction to the unconnected reserves in the study of unconnected pools discovered in 1988 amounted to a 49 per cent decrease in the total number of pools and a 55 per cent decrease in the initial marketable gas for this group of pools. As indicated in GB 98-21, the EUB and NEB did not analyze reserves from this study but relied on industry input regarding reserves retention.

The following table overviews the request, submission and results of the unconnected pools discovered in 1988.

Item	Number of Pools	Total IMG
		10 ⁹ m ³
Total Unconnected Pools	339	10.1
Total Pools Covered by Submissions	271	8.5
Pools supported for Retention in Submissions	172	4.5
Total Reserve Reduction	167	5.6
Total Reserve Reduction as Percentage	49%	55%

Unconnected Gas Review 99-1 covering approximately 214 pools discovered in 1989, and containing some 8.2 billion cubic metres, will be initiated in the summer of 1999. The EUB and NEB intend to follow the same procedures used in previous phases of the review and to reflect any reductions for this phase in the year-end 1999 common reserve database. This study will continue to review the "eleventh" year from the current year on an ongoing basis.

4.6 Database Clean-up Reductions

The criteria used to identify single well pools for the unconnected gas review were that they be undefined and have no production. This left three other areas to be investigated: undefined pools with production, defined pools that were now abandoned and undefined pools with no production that had been abandoned but were still retained on the database.

Programs were generated to check the well status on the Basic Well Data System and the producing history of the wells on the Production Information Data System against what was being carried on the Gas Reserve System. There were 15 undefined pools on the database which had production but were now abandoned, 442 defined pools that had production but had since been abandoned and 193 pools that had no production and had been abandoned.

The following table summarizes the results of this review.

Item	Number of Pools	Total IMG
		10 ⁹ m ³
Pools to be defined and set to cumulative production	15	0.5
Defined pools set to cumulative production	442	9.4
Undefined pools with no production that are now abandoned	193	5.5
Total Reduction	650	15.4

The programs used in this review are now run on an annual basis to ensure the integrity of the database.

4.7 Reserves of Pools Calculated on an Energy Basis

Reserves of major retrograde condensate pools are tabulated on both an energy and a volumetric basis. Table 4-2 lists the initial energy in place, the recovery factor and surface loss factor (both on an energy basis), and the initial marketable energy for each pool. The table also lists raw- and marketable-gas heating values used to convert from a volumetric to an energy basis. The volumetric reserves of these pools are included in Table 4-5, but with recovery factors and surface loss factors deleted.

4.8 Commercial Gas Storage Pools

Several pools in the province are being used for commercial gas storage to provide an efficient means of balancing supply with fluctuating market demand. Commercial gas storage is defined as the storage of third-party non-native gas allowing marketers to take advantage of seasonal price differences, effect custody transfers, and maintain reliability of supply. Gas from many sources may be stored at these facilities under fee-for-service, buy-sell or other contractual arrangements.

The remaining established marketable gas reserves for commercial gas storage pools can fluctuate depending on the supply and demand for gas. In the summer season when demand is lower, gas from other pools is injected into these pools. As the winter approaches, the demand for gas supply rises, injection slows or ends, and production generally begins at high withdrawal rates. Therefore, reserves for gas storage pools could vary significantly throughout this injection/production cycle and should only be considered reliable for the time of evaluation. A list of commercial gas storage pools, along with the operators and storage information, is shown in the following table.

Commercial Gas Storage Pools

As at 31 December 1998

Pool	Operator	Storage Capacity	Maximum Deliverability
		10^6m^3	$10^3\text{m}^3/\text{d}$
Carbon Glauconitic	Canadian Western Natural Gas	1 125	17 000
Crossfield East Elkton A & D	Amoco Canada Petroleum Limited	1 114	11 000
Fisher Grand Rapids E, and Clearwater B	Alberta Energy Company Ltd.	988	4 000
McLeod Cardium A	Texaco Canada Petroleum Inc.	700	19 500
Suffield Upper Mannville I & K, and Bow Island N & BB	Alberta Energy Company Ltd.	2 395	50 710

4.9 Reserves of Ethane and Natural Gas Liquids Included in Gas Reserves

The remaining established reserves of natural gas discussed in Section 4.1 are determined at the field gate. A portion of the ethane and natural gas liquids they contain enter trunk line systems and will be extracted downstream at reprocessing plants. If these quantities which will be extracted are deducted from the remaining established reserves of marketable gas, the gas reserves and the thermal energy content would be reduced from 1240 billion to 1200 billion cubic metres and from 47.5 to 44.2 exajoules, respectively, as shown at the end of Table 4-5.

Reserves of ethane and natural gas liquids are discussed in more detail in Chapters 5 and 6, respectively.

4.10 Discussion of Reserves Table 4-5

The established reserves of marketable gas have been estimated having regard for information presented by the industry in submissions and studies by EUB and NEB staff.

The established reserves of gas are listed in Table 4-5 alphabetically by strike area. Strike areas where no field has been designated by the Board are identified by "SA" immediately following the name. The approximate location of the strike area is also given. The data presented are condensed from the gas reserve system data file¹. Pools having initial marketable gas reserves greater than or equal to 300 million cubic metres are listed individually. Pools having reserves less than 300 million cubic metres are grouped within each field or area and presented as a total. The total reserve in a field or area is shown as the last entry.

Where the established reserve for a pool is based on material-balance or production-decline calculations, the reservoir factors last established for the pool for volumetric calculations have been retained for informational purposes.

Where production from two or more pools is commingled before measurement, the initial reserve estimate for each pool is shown, if available, together with the total reserve estimate for the pools. Production is subtracted from the sum of the initial established marketable reserves of the pools to obtain the remaining established marketable reserves. Similarly, because production of associated- and solution-gas reserves for a pool has not been determined separately, the combined net cumulative production is subtracted from the sum of the initial established marketable reserves of associated and solution gas. Therefore, Table 4-5 shows initial reserves by category but includes remaining associated- and solution-gas reserves only on a combined basis.

1 The Board maintains a computer file of detailed reserves information for each pool in Alberta containing gas. The non-confidential portion of the file for year-end 1998 is available in the following forms:

- (a) Diskettes and CD Rom of the gas reserves file.
- (b) Magnetic computer tape of the gas reserve file.
- (c) Cartridge tape of the gas reserves file.
- (d) A COM-microfiche publication of gas reserves and reserve factors.

Gas reserves in communication with crude bitumen have been classified as non-associated reserves in this report.

The amount of marketable gas produced from a pool is determined by adjusting the cumulative raw gas production from the pool for the estimated surface loss. Where gas has been injected for the enhanced recovery of oil, cycling of gas pools, and gas storage, the volumes of injected gas are included in the remaining established reserves of marketable gas (column 6) of the respective pools. The volumes credited to the pools have been adjusted to reflect projected losses in the reservoir and in handling and processing.

The marketed gas production generated by the gas reserves system for 1998 was 137.1 billion cubic metres. However, due to the high number of gas wells being placed on production, production from 2007 wells totalling 6.6 billion cubic metres of raw gas was not included on the gas reserves database system for year-end 1998. (The actual net production of marketable gas, as determined from production reports, for 1998 was 137.7 billion cubic metres.) It is emphasized that because changes due to errors or to amendments to production reports have been made to the previously reported cumulative raw gas production for some pools, and because of the adjustments made to the injected gas volumes discussed above, **net production volumes** for any year **should not be calculated from cumulative numbers appearing in this and previous reports**.

The major purchasers of gas from particular fields are shown in column 20. This information has been updated to year-end 1998 based on the lands under contract data provided to the Board by those purchasers.

4.11 Other Matters

A summary of the distribution of established reserves of gas by geological period is shown in Table 4-3.

Pools that are common to more than one designated field and those pools whose production is commingled with such common pools are termed "multi-field pools". The reserve for each designated pool in a multi-field pool is shown under the designated field in Table 4-5. A list of pools contained in each multi-field pool, the individual initial established reserves, and the total initial established reserves for the multi-field pool are shown in Table 4-4.

Reserves in this report have been classified as within or beyond economic reach using a simple, partially computerized procedure adopted by the Board in 1979. The Board estimates the reserves classified as beyond economic reach to be 9 billion cubic metres at 31 December 1998.

The map in the back pocket of this report shows the locations of Board-designated fields as at 31 December 1998. The fields have been coloured either green (for oil) or yellow (for gas) based on which had the higher initial energy content.

**TABLE 4-1 Major Gas Reserve Changes
1998**

Pool	Initial Established Reserves		Main Reasons for Change
	1998	Change	
	10 ⁶ m ³	10 ⁶ m ³	
Ansell Cardium G	5 100	+ 3 816	Pool coalescence and re-evaluation of initial volume in place
Bigstone Dunvegan A	6 187	+ 1 349	Re-evaluation of initial volume in place
Boyer Bluesky A	11 397	+ 1 877	Pool coalescence and re-evaluation of initial volume in place
Cecilia Peace River A and Gething A, B, C, D & Cadomin A	1 023	+ 1 023	Pool commingled
Chigwell Mannville J	285	- 962	Separation into pools and re-evaluation of initial volume in place
Cordell Turner Valley A & B	873	- 2 300	Separation into pools and re-evaluation of initial volume in place
Gold Creek Wabamun K	1 502	+ 1 502	New pool
Kaybob Beaverhill Lake C	683	- 927	Re-evaluation of initial volume in place
Lambert Leduc B	968	+ 968	New pool
Marlboro Leduc A	2 090	- 910	Re-evaluation of initial volume in place
Niton Rock Creek F	7 245	+ 1 309	Re-evaluation of initial volume in place
Panther River Rundle E	285	- 1 443	Re-evaluation of initial volume in place
Ricinus D-3 A	1 807	- 993	Re-evaluation of initial volume in place
Wildcat Hills Rundle D	1 182	+ 1 182	New pool

TABLE 4-2 Reserves of Pools Calculated on an Energy Basis
As at 31 December 1998

Pool	Raw Gas Initial Volume in Place	Raw Gas Gross Heating Value	Initial Energy in Place	Recovery Factor	Fuel and Shrinkage (Surface Loss Factor)	Initial Marketable Gas Energy	Marketable Gas Gross Heating Value	Initial Established Reserves of Marketable Gas
	10 ⁶ m ³	MJ/m ³	10 ⁶ MJ	fraction	fraction	10 ⁶ MJ	MJ·m ⁻³	10 ⁶ m ³
Brazeau River Nisku J	707	74.44	52 603	0.75	0.50	19 726	41.01	481
Brazeau River Nisku K	1 129	74.17	83 738	0.75	0.60	25 121	42.15	596
Brazeau River Nisku M	1 489	76.22	113 463	0.75	0.60	34 039	41.36	823
Brazeau River Nisku P	8 663	61.23	530 435	0.74	0.65	137 383	40.00	3 435
Brazeau River Nisku S	1 665	54.64	90 976	0.80	0.57	31 296	41.38	756
Brazeau River Nisku W	1 895	55.65	105 462	0.72	0.35	49 356	41.13	1 200
Caroline Beaverhill Lake A	64 707	49.95	3 232 115	0.77	0.76	597 295	36.51	16 360
Carson Creek Beaverhill Lake B	10 941	55.68	609 198	0.90	0.39	334 450	41.65	8 030
Harmattan East Rundle	36 252	50.26	1 822 003	0.85	0.26	1 146 040	40.93	28 000
Harmattan-Elkton Rundle C	31 326	46.96	1 471 056	0.90	0.27	966 484	41.48	23 300
Kakwa A Cardium A	1 120	55.40	62 069	0.85	0.32	35 876	42.71	840
Kaybob South Beaverhill Lake A	103 728	52.61	5 457 156	0.77	0.61	1 638 784	39.68	41 300
Ricinus Cardium A	8 316	58.59	487 221	0.85	0.32	281 614	40.52	6 950
Valhalla Halfway B	6 331	53.89	341 178	0.80	0.33	182 871	40.00	4 572
Waterton Rundle-Wabamun A	82 379	48.74 ^a	4 015 152	0.78	0.35	2 035 682	41.09	49 542
Wembley Halfway B	5 740	53.89	309 329	0.80	0.33	165 800	40.12	4 133
Westerose D-3	3 669	51.55	189 131	0.90	0.25	127 663	41.72	3 060
Westpem Nisku E	1 160	66.05	76 654	0.90	0.54	31 735	44.76	709
Windfall D-3 A	21 288	53.42	1 137 217	0.60	0.53	320 695	42.42	7 560

^a Producible raw gas gross heating value is 40.65 MJ/m³.

TABLE 4-3 Geological Distribution of Established Reserves of Gas
As at 31 December 1998

Geological Period	1	2	3	4	5	6	7	8
	Raw Gas	Marketable Gas				Raw Gas	Marketable Gas	
	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production	Remaining Energy Content	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production	Remaining Energy Content
	10 ⁶ m ³			TJ	Percentage of total			
Quaternary								
Quaternary	31	15	2	465				
Subtotal	31	15	2	465				
Tertiary								
Tertiary	170	84	63	770				
Subtotal	170	84	63	770				
Upper Cretaceous								
Belly River	149 712	90 671	50 927	1 479 777	2.28	2.38	1.98	3.12
Milk River & Med Hat	453 132	290 358	199 711	3 305 115	6.91	7.62	7.77	6.96
Cardium	398 953	90 489	52 070	1 551 679	6.08	2.38	2.03	3.27
Second White Specks	8 388	5 351	1 338	148 110	0.13	0.14	0.05	0.31
Other	91 142	49 281	31 372	709 964	1.39	1.29	1.22	1.50
Subtotal	1 101 327	526 150	335 418	7 194 645	16.79	13.81	13.05	15.16
Lower Cretaceous								
Viking	400 722	274 563	204 111	2 618 523	6.11	7.21	7.94	5.52
Basal Colorado	40 854	33 316	29 848	126 849	0.62	0.87	1.16	0.27
Mannville	1 789 594	1 171 264	731 733	16 745 298	27.28	30.74	28.47	35.27
Other	135 795	91 648	58 931	1 252 270	2.07	2.41	2.29	2.64
Subtotal	2 366 965	1 570 791	1 024 623	20 742 940	36.08	41.23	39.87	43.69
Jurassic								
Jurassic	88 910	58 180	28 884	1 161 693	1.36	1.53	1.12	2.45
Other	59 750	39 269	24 134	575 017	0.91	1.03	0.94	1.21
Subtotal	148 660	97 449	53 018	1 736 710	2.27	2.56	2.06	3.66
Triassic								
Triassic	168 585	108 276	41 834	2 600 093	2.57	2.84	1.63	5.48
Other	10 245	7 025	3 874	113 254	0.16	0.18	0.15	0.24
Subtotal	178 830	115 301	45 708	2 713 347	2.73	3.03	1.78	5.72
Permian								
Belloy	8 981	5 744	2 417	114 467	0.14	0.15	0.09	0.24
Subtotal	8 981	5 744	2 417	114 467	0.14	0.15	0.09	0.24

TABLE 4-3 (continued)

Geological Period	1	2	3	4	5	6	7	8
	Raw Gas	Marketable Gas		Remaining Energy Content	Initial Volume in Place	Raw Gas	Marketable Gas	
	Initial Volume in Place	Initial Established Reserves	Net Cumulative Production			Initial Established Reserves	Net Cumulative Production	Remaining Energy Content
	10 ⁶ m ³			TJ	Percentage of total			
Mississippian								
Rundle	917 790	556 283	423 558	5 186 898	13.99	14.60	16.48	10.93
Other	279 235	186 152	149 968	1 374 750	4.26	4.89	5.84	2.90
Subtotal	1 197 025	742 435	573 526	6 561 648	18.24	19.49	22.32	13.82
Upper Devonian								
Wabamun	223 251	107 239	73 935	1 243 137	3.40	2.81	2.88	2.62
Nisku	114 060	54 461	26 302	1 110 932	1.74	1.43	1.02	2.34
Leduc	470 421	241 459	202 244	1 576 226	7.17	6.34	7.87	3.32
Beaverhill Lake	465 252	206 098	142 951	2 445 930	7.09	5.41	5.56	5.15
Other	162 095	85 741	71 492	518 882	2.47	2.25	2.78	1.09
Subtotal	1 435 079	694 998	516 924	6 895 107	21.87	18.24	20.12	14.52
Middle Devonian								
Sulphur Point	11 142	6 747	2 512	161 586	0.17	0.18	0.10	0.34
Muskeg	4 697	1 808	905	37 493	0.07	0.05	0.04	0.08
Keg River	54 672	24 157	6 206	729 463	0.83	0.63	0.24	1.54
Other	30 644	13 153	8 453	174 765	0.47	0.35	0.33	0.37
Subtotal	101 155	45 865	18 076	1 103 307	1.54	1.20	0.70	2.32
Beyond Economic Reach	19 766	8 926	-	337 307	0.30	0.23	-	0.71
Subtotal								
Confidential ^a								
Subtotal	3 115	1 891	-	72 052	0.05	0.05	-	0.15
Total	6 561 104 (232 878) ^b	3 809 649 (135 219) ^b	2 569 775	47 472 765 (44 008) ^c	100.00	100.00	100.00	100.00

a Some **Confidential** reserves included in **Beyond Economic Reach** category.

b Imperial equivalent in billions of cubic feet at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit.

c Imperial equivalent in billions of cubic feet of 1000 British thermal units per cubic foot of gas.

TABLE 4-4 Reserves of Multi-field Pools
As at 31 December 1998

Multi-field Pool Field and Pool	Initial Established Reserves	Multi-field Pool Field and Pool	Initial Established Reserves
	10 ⁶ m ³		10 ⁶ m ³
Edmonton Pool No. 1		Bow Island Milk River A.	
Bashaw Edmonton D	213	Medicine Hat C. and	
Nevis Edmonton D	608	Second White Specks A & C	20
Total	821	Brooks Milk River A and	
		Medicine Hat A. C & D	479
		Cessford Milk River A.	
		Medicine Hat A. C. & D. and	
		Second White Specks A	11 206
Belly River Pool No. 1		Connorsville Milk River A.	
Bashaw Belly River C	1 320	Medicine Hat A. and	
Bashaw Belly River G	44	Belly River A	1 865
Bashaw Belly River H	603	Countess Milk River A.	
Bashaw Belly River L	19	Medicine Hat A. C & D. and	
Bashaw Belly River M	228	Second White Specks A & B	14 633
Bashaw Belly River Q	15	Estuary Medicine Hat A	494
Nevis Belly River C	1 143	Eyremore Medicine Hat A & C	113
Total	3 372	Gleichen Medicine Hat A and	
		Belly River C. E. F. G. H & I	1 974
Belly River Pool No. 2		Hussar Milk River A.	
Bruce Belly River J	765	Medicine Hat A. and	
Holmberg Belly River J	82	Belly River C	2 650
Total	847	Jenner Milk River A.	
		Medicine Hat A. C & D. and	
Belly River Pool No. 3		Second White Specks A	5 132
Fenn West Belly River J	17	Johnson Milk River A and	
Fenn-Big Valley Edmonton A	11	Second White Specks A	321
Fenn-Big Valley Belly River J	1 018	Kitsim Milk River A and	
Fenn-Big Valley Belly River JJ	15	Medicine Hat A 282	
Gadsby Belly River J	1 782	Lathom Medicine Hat A	176
Total	2 843	Leckie Milk River A and	
		Medicine Hat A & C	386
Belly River Pool No. 4		Matziwin Milk River A.	
Michichi Belly River B & H	128	Medicine Hat A. C & D. and	
Watts Belly River B & I	77	Second White Specks A	3 130
Total	205	Medicine Hat Milk River A.	
		Medicine Hat A. C & D.	
Southeastern Alberta Gas System (MU)		Second White Specks A. D. J. K.	
Alderson Milk River A.		L. M. P & R. and Lower Colorado A	106 682
Medicine Hat A. C & D. and		Mossleigh Medicine Hat A	43
Second White Specks A	31 064	Newell Milk River A and	
Atlee-Buffalo Milk River A.		Medicine Hat A. C & D	1 108
Medicine Hat A. C & D. and		Princess Milk River A.	
Second White Specks A	5 000	Medicine Hat A. C & D.	
Bantry Milk River A.		Second White Specks A. and	
Medicine Hat A. C & D. and		Belly River F & G	18 463
Second White Specks A	17 000	Rainier Milk River A	101
Bassano Medicine Hat A	298	Seiu Lake Medicine Hat A	415
Berry Medicine Hat A	39	Shouldice Medicine Hat A and	
Bindloss Milk River A and		Belly River A	461
Medicine Hat A & D	497	Suffield Milk River A.	
Blackfoot Medicine Hat A	426	Medicine Hat A. C & D. and	
		Second White Specks A	46 075

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves	Multi-field Pool Field and Pool	Initial Established Reserves
	10' m ²		10' m ²
Verger Milk River A.		Sedgewick Upper and Middle Viking A	88
Medicine Hat A, C & D, Belly River D, and		Viking-Kinsella Upper and Middle	
Second White Specks A	13 138	Viking A, Upper Mannville YY, LLL,	
Wayne-Rosedale Medicine Hat A	807	MMM, ZZZ & M2M, Colony G2G, and	
Wintering Hills Milk River A.		Glauconitic J	29 045
Medicine Hat A, and		Wainwright Viking C, Upper and Middle	
Second White Specks A & B	4 937	Viking A, and Colony G, R, V, W & EE	1 470
Total	289 415	Total	50 250
Second White Specks Pool No. 2		Viking Pool No. 3	
Garden Plains Second White Specks E	1 167	Carbon Belly River K and	
Hanna Second White Specks E	331	Viking D	1 692
Provost Second White Specks E	288	Ghost Pine Viking D	295
Richdale Second White Specks E	150	Total	1 987
Sullivan Lake Second White Specks E	100		
Total	2 036	Viking Pool No. 4	
Viking Pool No. 1		Fenn-Big Valley Viking B	749
Fairydell-Bon Accord Upper Viking A & C,		Fenn West Viking B	185
and Middle Viking A & B	3 541	Total	934
Redwater Upper Viking A, Middle Viking A,		Viking Pool No. 5	
and Lower Viking A	881	Hudson Viking A	773
Westlock Middle Viking B	357	Sedalia Viking A & F,	
Total	4 779	Upper Mannville D, and Lower	
Viking Pool No. 2		Mannville B	526
Beaverhill Lake Upper Viking A,		Total	1 299
Middle Viking A, and		Viking Pool No. 6	
Lower Viking A	4 800	Ashmont Viking A	277
Bellshill Lake Upper and Middle Viking A	151	Ashmont Upper Mannville H	91
Birch Upper and Middle Viking A	83	Ashmont Upper Mannville I	49
Bruce Upper and Middle Viking A,		Cache Viking A	581
Upper Mannville Z, and Ellerslie W, JJJ,		Cache Colony YY	37
KKK, LLL & MMM	3 270	Canard Viking A	87
Dinant Upper and Middle Viking A	55	Clay Viking A	255
Fort Saskatchewan Upper and		Clay Colony E	43
Middle Viking A	7 876	Corrin Viking A	107
Holmberg Upper and Middle Viking A	66	Craigend Viking A	2 017
Killam Upper and Middle Viking A, Rex B,		Duvernay Viking A & M	380
and Glauconitic Q	1 791	Hairy Hill Viking A	230
Killam North Upper and		Owlseye Viking A	60
Middle Viking A, Upper Mannville T,		Plain Viking A	21
Basal Mannville C, L & U, and Nisku A	1 175	Plain Viking N	3
Mannville Upper and Middle Viking A, and		Plain Upper Mannville UU	65
Upper Mannville K	380	Plain Colony T	63

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves	Multi-field Pool Field and Pool	Initial Established Reserves
	10 ⁶ m ³		10 ⁶ m ³
St. Paul Viking A	183	Glaucanitic Pool No. 6	
Stry Viking A	12	Bassano Glaucanitic III	469
Sugden Viking A	1 526	Countess Glaucanitic III	1 970
		Hussar Viking L and Glaucanitic III	927
Therien Viking A	203	Wintering Hills Glaucanitic III	55
Ukalta Viking A	16	Wintering Hills	
Whitford Viking A	230	Upper Mannville I and Lower Mannville W	103
Whitford Upper Mannville A	9		
Whitford Glaucanitic K	27	Total	3 528
Willingdon Viking A, J and Mannville MMM	229	Bluesky-Detrital-Debolt Pool No. 1	
		Cranberry Bluesky-Detrital-Debolt A	1 744
Total	6 801	Hotchkiss Bluesky-Detrital-Debolt A	4 688
Viking Pool No. 7		Total	6 432
Inland Upper Viking C & E, Middle Viking F, G, & I, and Upper Mannville A	409	Gething Pool No. 1	
Royal Upper Viking C and Lower Viking A	43	Fox Creek Viking C, Notikewin C and Gething D & H	2 497
		Kaybob South Gething H	518
Total	452		
		Total	3 015
Viking Pool No. 13		Ellerslie Pool No. 1	
Chigwell Viking G	197	Connorsville Glaucanitic A	239
Nelson Viking G	149	Connorsville Glaucanitic B	23
		Connorsville Glaucanitic C	126
Total	346	Connorsville Glaucanitic E	103
		Connorsville Glaucanitic I	45
St. Edouard Pool No. 3			
Ukalta St. Edouard B	54	Connorsville Ellerslie A	2 867
Whitford St. Edouard B	29	Wintering Hills Ellerslie A	1 743
Total	83	Total	5 146
		Cadomin Pool No. 1	
Glaucanitic Pool No. 3		Elmworth Dunvegan A	339
Bonnie Glen Glaucanitic A and Lower Mannville F	1 224	Elmworth Dunvegan I	62
Ferrybank Glaucanitic A	900	Elmworth Cadotte A	2 534
Ferrybank Lower Mannville W	83	Elmworth Cadotte D	474
		Elmworth Cadotte E	21
Total	2 207		
		Elmworth Cadotte F	60
Glaucanitic Pool No. 5		Elmworth Cadotte G	37
Bigoray Glaucanitic I	1 207	Elmworth Cadotte I	57
Bigoray Ostracod D	137	Elmworth Cadotte J	52
Pembina Glaucanitic I & D and Ostracod C	3 348	Elmworth Cadotte K	22
Total	4 692	Elmworth Cadotte M	17
		Elmworth Cadotte N	44
		Elmworth Falher A-1	7 260
		Elmworth Falher A-2	2 020
		Elmworth Falher A-4	219

TABLE 4-4 (continued)

Multi-field Pool Field and Pool	Initial Established Reserves	Multi-field Pool Field and Pool	Initial Established Reserves
	10 ⁶ m ³		10 ⁶ m ³
Elmworth Falher A-5	222		
Elmworth Falher A-7	132		
Elmworth Falher A-10	6 944		
Elmworth Falher A-16	86		
Elmworth Falher A-21	58		
Elmworth Falher B-1	2 650		
Elmworth Falher B-2	604		
Elmworth Falher B-3	2 819		
Elmworth Falher B-4	3 227		
Elmworth Falher B-9	1 041		
Elmworth Falher B-13	46		
Elmworth Falher B-14	119		
Elmworth Falher B-15	210		
Elmworth Falher B-16	126		
Elmworth Falher C-2	36		
Elmworth Falher C-3	27		
Elmworth Falher D-2	572		
Elmworth Falher D-3	20		
Elmworth Falher D-5	25		
Elmworth Falher D-6	43		
Elmworth Bluesky A	104		
Elmworth Gething A	22		
Elmworth Cadomin A	4 930		
Sinclair Notikewin A	134		
Sinclair Notikewin B	29		
Sinclair Falher A	1 972		
Sinclair Cadomin A	2 669		
Total	42 085		
Halfway Pool No. 1			
Valhalla Halfway B	4 572		
Wembley Halfway B	5 842		
Total	10 414		
Halfway Pool No. 2			
Knopcik Halfway N	932		
Valhalla Halfway N	704		
Total	1 636		
Banff Pool No. 1			
Haro Banff E	87		
Rainbow South Banff E	59		
Total	146		



Reserves of Gas and Basic Data

EUB - NEB
COMMON RESERVES DATABASE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ABEE 062-23W4 WABAMUN D OTHER TOTAL-ABEE	579 2 808 3 387	0.70	0.10	365 1 756 2 121	251 1 042 1 293	114 714 828	38	4 331 26 876 31 207	467
ACADIA 026-04W4 TOTAL-ACADIA	4			3	3				
ACHESON 052-26W4 D-3 A SOLN D-3 A ASSOC OTHER TOTAL-ACHESON	2 683 53 2 280 5 016	0.71 0.70	0.30 0.20	1 334 ^b 30 ^b 1 348 2 712	640 ^b 856 1 496	724 492 1 216	43 43	31 436 19 007 50 443	884
ACHESON EAST 052-26W4 TOTAL-ACHESON EAST	910			368	239	129		5 117	
ADAMS 071-08W5 TOTAL-ADAMS	3			1		1		39	
ADEN 001-09W4 RUNDLE A OTHER TOTAL-ADEN	674 578 1 252	0.85	0.05	544 389 933	472 274 746	72 115 187	37	2 672 4 256 6 928	711
AERIAL 029-18W4 MANNVILLE SOLN MANNVILLE ASSOC OTHER TOTAL-AERIAL	95 421 1 516 2 032	0.65 0.80	0.70 0.10	19 ^b 303 ^b 974 1 296	178 ^b 437 615	144 537 681	40 40	5 796 20 451 26 247	253
AETNA 001-25W4 TOTAL-AETNA	131			68		68		2 669	
AKUINU 066-04W5 TOTAL-AKUINU	1 914			1 268	588	680		25 733	
ALBERS 041-07W4 TOTAL-ALBERS	50			35		35		1 272	
ALBRIGHT 072-09W6 TOTAL-ALBRIGHT	944			697	328	369		14 527	
ALCOMDALE 058-26W4 TOTAL-ALCOMDALE	122			78	10	68		2 653	
ALDER 045-08W5 TOTAL-ALDER	479			352	241	111		4 503	
ALDERSON 015-11W4 MILK RIVER A MEDICINE HAT A MEDICINE HAT C MEDICINE HAT D SECOND WHITE SPECKS A SE ALTA GAS SYS(MU) TOTAL BOW ISLAND D	20 150 4 124 1 382 400 19 649 45 705 925	0.70 0.70 0.50 0.50 0.75 0.70 0.80	0.05 0.03 0.03 0.03 0.05 0.05 0.05	13 400 2 800 670 194 14 000 31 064 703	 25 531 682	 5 533 21	36 36 36 36 36 36 37	 201 789 784	161 765 67 799 57 415 16 618 161 842 1 874
UPPER MANNVILLE DDD UPPER MANNVILLE EEE UPPER MANNVILLE LLL OTHER TOTAL-ALDERSON	425 397 722 10 169 58 343	0.90 0.90 0.85	0.05 0.10 0.10	364 321 553 6 140 39 145	182 302 536 2 454 29 687	182 19 17 3 686 9 458	37 36 36 39	6 738 689 614 133 562 344 176	616 300 323 4 350
ALEXANDER 056-27W4 BASAL QUARTZ A OTHER TOTAL-ALEXANDER	4 589 794 5 383	0.95	0.03	4 229 511 4 740	4 029 205 4 234	200 306 506		7 712 11 658 19 370	
ALEXIS 056-05W5 BANFF A SOLN	331	0.65	0.40	129 ^b			39		

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.51	0.180	0.70	5 120	29	0.909	0.60	840.7	1981	1998	CNRL PRODUCTION DECLINE
0.45	0.110	0.90	10 510	55	0.683	0.89 0.89	1 498.7	1950 1950	1996 1996	CHEVRON GPP CHEVRON GPP
10.10	0.201	0.65	6 750	24	0.880	0.58	866.0	1960	1998	CMG PRODUCTION DECLINE
2.36	0.170	0.65	9 760	47	0.807	0.70 0.70	1 232.7	1958 1958	1996 1996	MARATHN TCPL MATERIAL BALANCE GPP MARATHN TCPL MATERIAL BALANCE GPP
9.04	0.154	0.55	3 140	16	0.938	0.56	317.4	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.41	0.170	0.55	4 310	17	0.916	0.56	428.1	1904	1982	PART OF MED HAT POOL NO.1
0.61	0.139	0.60	4 450	19	0.916	0.56	439.8	1973	1987	PART OF MED HAT POOL NO.3
0.61	0.139	0.60	4 450	19	0.916	0.56	468.5	1973	1988	PART OF MED HAT POOL NO.4
1.57	0.216	0.60	5 690	27	0.904	0.57	607.4	1944 1904	1994 1994	PART OF 2WS POOL NO.1 RENENER PCOG BEAU NRTHSTR ENGAGE CRESTAR AEC PANCDN POCO CWNGNUL CTYMEDH TCPL IOL CRESTAR BEAU CNRL PANCDN PRODUCTION DECLINE
2.66	0.292	0.65	6 670	27	0.878	0.59	735.8	1981	1997	PANCDN SLUSH OIL CRESTAR PANCDN PRODUCTION DECLINE
5.19	0.166	0.65	10 820	32	0.819	0.64	981.9	1982	1996	UNPACF NRTHSTR PRODUCTION DECLINE
3.35	0.250	0.75	11 080	32	0.806	0.67	1 001.8	1972	1992	
7.81	0.228	0.85	9 240	31	0.833	0.66	991.5	1972	1998	
3.20	0.193	0.75	9 230	44	0.847	0.63	1 169.1	1954	1995	POCO IOL PRODUCTION DECLINE
						0.65		1968	1997	TALISMA PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ALEXIS 056-05W5 (CONTINUED)									
BANFF A ASSOC	440	0.80	0.10	317 ^b	338 ^b	108	39	4 242	320
OTHER	145			90	47	43		1 662	
TOTAL-ALEXIS	916			536	385	151		5 904	
ALGAR 079-15W4									
TOTAL-ALGAR	611			338	217	121		4 485	
ALIX 040-23W4									
TOTAL-ALIX	1 095			530	245	285		10 571	
ALKALI 024-05W4									
TOTAL-ALKALI	124			85	26	59		2 152	
ALLIANCE 040-12W4									
TOTAL-ALLIANCE	110			69	2	67		2 426	
ALPEN 063-19W4									
TOTAL-ALPEN	199			129	66	63		2 167	
ALSASK 027-01W4									
TOTAL-ALSASK	1 038			748	410	338		12 439	
ALTARIO 034-01W4									
TOTAL-ALTARIO	1 013			671	237	434		16 017	
AMADOU 073-20W4									
TOTAL-AMADOU	1 432			815	365	450		16 606	
AMBER 115-07W6									
TOTAL-AMBER	2 972			1 626	485	1 141		44 079	
AMELIA 010-27W4									
TOTAL-AMELIA	60			38		38		1 475	
AMIGO 120-07W6									
TOTAL-AMIGO	918			507	21	486		19 716	
ANATOLE 031-03W4									
TOTAL-ANATOLE	25			15	5	10		355	
ANDERSON 051-23W5									
CARDIUM A	438	0.90	0.10	355	5	350	39	13 752	200
OTHER	125			85	62	23		907	
TOTAL-ANDERSON	563			440	67	373		14 659	
ANGLING 060-02W4									
GRAND RAPIDS B		0.65	0.05				37		3 433
GRAND RAPIDS C		0.65	0.05				37		200
GRAND RAPIDS D		0.65	0.05				37		150
GRAND RAPIDS E		0.55	0.05				37		128
SPARKY A		0.60	0.05				37		200
GR RAP BCDE & SPKY A TOTAL	1 577	0.75	0.05	1 123	916	207	37	7 632	
OTHER	272			153	110	43		1 586	
TOTAL-ANGLING	1 849			1 276	1 026	250		9 218	
ANKERTON 044-15W4									
TOTAL-ANKERTON	451			280	41	239		8 810	
ANNE (SA) 003-21W4									
TOTAL-ANNE	40			29		29		1 059	
ANSELL 052-20W5									
CARDIUM G	30 000	0.20	0.15	5 100	1 987	3 113	40	123 991	17 348
VIKING A	389	0.65	0.10	228			39		714
CADOMIN B	693	0.65	0.10	405			38		1 019
VIKING A & CADOMIN B TOTAL	1 082	0.65	0.10	633	34	599	39	23 073	
CADOMIN A	488	0.85	0.10	374	8	366	40	14 556	646
CADOMIN C	531	0.85	0.05	428	5	423	39	16 675	673

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ANSELL 052-20W5 (CONTINUED)									
OTHER	1 699			1 252	285	967		37 988	
TOTAL-ANSELL	33 800			7 787	2 319	5 468		216 283	
ANTE CREEK 065-24W5									
DUNVEGAN B	724	0.85	0.10	554	403	151	39	5 946	1 324
BEAVERHILL LAKE SOLN	3 308	0.48	0.20	1 270 ^b			44		
BEAVERHILL LAKE ASSOC		0.50	0.15		567 ^b	703	44	31 227	
OTHER	1 332			904	506	398		15 579	
TOTAL-ANTE CREEK	5 364			2 728	1 476	1 252		52 752	
ANTE CREEK NORTH 067-23W5									
TRIASSIC C SOLN	268	0.65	0.10	157 ^b			40		
TRIASSIC C ASSOC	391	0.85	0.10	299 ^b	89 ^b	367	40	14 533	726
TRIASSIC E SOLN	1 348	0.65	0.15	745 ^b			41		
TRIASSIC E ASSOC	376	0.85	0.15	272 ^b	95 ^b	922	41	37 341	836
OTHER	2 112			1 416	178	1 238		47 772	
TOTAL-ANTE CREEK NORTH	4 495			2 889	362	2 527		99 646	
ANTELOPE 030-01W4									
COLONY A	464	0.85	0.05	374	159	215	37	7 886	3 333
BANFF A	1 080	0.75	0.05	770	639	131	37	4 907	1 681
OTHER	1 047			707	278	429		16 011	
TOTAL-ANTELOPE	2 591			1 851	1 076	775		28 804	
ARDENODE 026-25W4									
TOTAL-ARDENODE	433			210	141	69		2 522	
ARMADA 016-19W4									
TOTAL-ARMADA	1 421			957	470	487		18 297	
ARMISIE 052-25W4									
TOTAL-ARMISIE	295			129	34	95		3 843	
ARMITAGE 074-14W4									
TOTAL-ARMITAGE	853			473	117	356		13 090	
ARNESON 025-02W4									
TOTAL-ARNESON	256			171	64	107		4 002	
ARTLAND 044-02W4									
TOTAL-ARTLAND	168			112		112		4 904	
ARVILLA 058-27W4									
TOTAL-ARVILLA	347			239	26	213		7 899	
ASHMONT 060-11W4									
VIKING A	731	0.40	0.05	277			37		20 259
UPPER MANNVILLE H	147	0.65	0.05	91			37		1 508
UPPER MANNVILLE I	87	0.60	0.05	49			37		965
VIK A, UPPER MANN H&I TOTAL	965	0.45	0.05	417	85	332	37	12 394	
OTHER	1 312			863	492	371		13 820	
TOTAL-ASHMONT	2 277			1 280	577	703		26 214	
ASTOTIN 055-18W4									
TOTAL-ASTOTIN	233			136	113	23		852	
ATHABASCA 066-23W4									
GRAND RAPIDS B	684	0.80	0.05	520	457	63	38	2 389	2 599
WABAMUN B	457	0.70	0.05	304	193	111	36	3 998	200
OTHER	1 933			1 223	493	730		27 056	
TOTAL-ATHABASCA	3 074			2 047	1 143	904		33 443	
ATHABASCA EAST 066-21W4									
UPPER MANNVILLE A	743	0.70	0.05	494	418	76	37	2 846	564
GLAUCONITIC-WABAMUN A	40	0.70	0.05	27			37		397
GLAUCONITIC-WABAMUN A	5	0.70	0.05	4			37		57
GLAUCONITIC-WABAMUN A	1 031	0.80	0.05	784			37		944
GLAUCONITIC-WABAMUN A TOTAL	1 076	0.80	0.05	815	706	109	37	4 011	
GLAUC-L MANN-WAB A		0.65	0.05				37		56

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.47	0.164	0.60	10 700	47	0.820	0.66 0.86 0.86	1 292.2	1971 1962 1962	1996 1990 1990	RIOALTO PANALTA PROGAS MATERIAL BALANCE TCPL RIOALTO GPP TCPL RIOALTO GPP
3.40	0.144	0.70	15 030	64	0.807	0.72 0.72 0.88	1 812.5	1994 1994 1994	1998 1998 1997	GPP GPP CONCURRENT PRODUCTION
2.10	0.150	0.75	16 160	63	0.718	0.88	1 898.6	1994	1997	CONCURRENT PRODUCTION
1.49 4.23	0.298 0.208	0.45 0.60	7 680 8 170	67 30	0.921 0.861	0.58 0.59	766.3 857.7	1957 1957	1995 1998	CRESTAR ENGAGE SASKEN PROGAS CANOR PRODUCTION DECLINE
1.05 1.60 2.10	0.231 0.289 0.270	0.50 0.65 0.55	2 890 3 070 2 810	20 14 19	0.943 0.937 0.944	0.57 0.56 0.57	415.9 440.6 448.8	1949 1981 1976 1949	1996 1995 1996 1997	PART OF VIK POOL NO.6 PART OF VIK POOL NO.6 PART OF VIK POOL NO.6 UNPACF WASCANA CANOR CNRL AMOCO PANALTA POCO PROGAS TCPL CRESTAR PART OF VIK POOL NO.6
3.19 11.58	0.331 0.210	0.65 0.65	3 540 4 450	23 42	0.931 0.931	0.58 0.62	491.3 742.4	1952 1976	1998 1997	RENENER CNRL TCPL PRODUCTION DECLINE TCPL PRODUCTION DECLINE
2.41 1.64 1.32 17.19 0.75	0.279 0.233 0.294 0.191 0.219	0.65 0.65 0.70 0.80 0.60	4 040 3 970 3 070 4 040 3 050	25 24 21 25 27	0.926 0.927 0.941 0.927 0.946	0.57 0.57 0.57 0.57 0.57	516.9 601.2 593.2 607.7 596.7	1970 1950 1950 1950 1970	1995 1996 1994 1997 1996 1997	CNRL RENENER TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL CNRL RENENER TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ATHABASCA EAST 066-21W4 (CONTINUED)									
GLAUC-L MANN-WAB A		0.55	0.05				37		100
GLAUC-L MANN-WAB A		0.60	0.05				37		140
GLAUC-L MANN-WAB A		0.70	0.05				37		472
GLAUC-L MANN-WAB A TOTAL	911	0.70	0.05	606	590	16			
OTHER	1 783			1 096	820	276		10 234	
TOTAL-ATHABASCA EAST	4 513			3 011	2 534	477		17 091	
ATIM 054-26W4									
TOTAL-ATIM	482			308	177	131		5 058	
ATLEE-BUFFALO 021-08W4									
MILK RIVER A		0.50	0.05				36		76 866
MEDICINE HAT A		0.50	0.03				36		71 612
MEDICINE HAT C		0.50	0.03				36		1 053
MEDICINE HAT D		0.50	0.03				36		2 656
SECOND WHITE SPECKS A		0.50	0.05				36		1 073
SE ALTA GAS SYS (MU) TOTAL	10 416	0.50	0.05	5 000	3 959	1 041	36	37 965	
VIKING H	811	0.85	0.05	655	576	79	36	2 821	11 007
OTHER	4 195			2 617	1 079	1 538		55 692	
TOTAL-ATLEE-BUFFALO	15 422			8 272	5 614	2 658		96 478	
ATMORE 067-17W4									
MCMURRAY B		0.70	0.05				37		4 191
NISKU A		0.70	0.05				37		1 883
NISKU A & MCMURRAY B TOTAL	1 774	0.70	0.05	1 180	1 104	76	37	2 809	
OTHER	3 283			1 998	1 277	721		26 855	
TOTAL-ATMORE	5 057			3 178	2 381	797		29 664	
AUBURNDALE 047-06W4									
TOTAL-AUBURNDALE	1 488			983	809	174		6 321	
BADGER 016-18W4									
TOTAL-BADGER	1 725			1 108	447	661		24 886	
BALSAM 082-10W6									
KISKATINAW A	499	0.85	0.10	382	372	10	38	382	1 066
KISKATINAW D	706	0.85	0.05	570	408	162	38	6 135	200
KISKATINAW E	731	0.85	0.10	559	121	438	38	16 824	400
OTHER	1 099			796	180	616		23 470	
TOTAL-BALSAM	3 035			2 307	1 081	1 226		46 811	
BANSHEE 050-22W5									
TOTAL-BANSHEE	213			130		130		5 040	
BANTRY 018-12W4									
MILK RIVER A	9 943	0.70	0.05	6 612			36		92 038
MEDICINE HAT A	9 810	0.70	0.03	6 661			36		90 714
MEDICINE HAT C	1 886	0.50	0.03	915			36		43 059
MEDICINE HAT D	224	0.50	0.03	109			36		8 734
SECOND WHITE SPECKS A	3 793	0.75	0.05	2 703			36		46 714
SE ALTA GAS SYS(MU) TOTAL	25 656	0.70	0.05	17 000	12 582	4 418	36	161 124	
VIKING U	1 631	0.75	0.05	1 162			38		12 220
VIKING V	30	0.70	0.05	20			38		200
VIKING W	18	0.70	0.05	12			38		200
BASAL COLORADO C	178	0.75	0.05	127			36		1 328
VIKING T	6	0.75	0.05	5			38		200
VIK TUVW & BSL COLO C TOTAL	1 863	0.75	0.05	1 326	816	510	38	19 237	
VIKING Q	318	0.85	0.05	257			38		2 627
VIKING R	10	0.70	0.05	7			37		200
BASAL COLORADO F	110	0.70	0.05	73			36		100
BASAL COLORADO BB	24	0.75	0.05	17			37		100
VIK Q,R&BSL COLO F&BB TOTAL	462	0.80	0.05	354	243	111	38	4 164	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	OC	frac	frac	m KB			
1.21 2.30 13.18	0.220 0.220 0.190	0.55 0.65 0.70	3 500 3 500 3 780	36 21 31	0.944 0.933 0.936	0.57 0.57 0.57	621.3 613.0 606.7	1970 1970 1970	1997 1994 1994	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE CNRL TCPL
4.82 1.33 0.53 0.43 0.78 1.26	0.154 0.170 0.139 0.139 0.216 0.238	0.55 0.55 0.60 0.60 0.60 0.60	3 140 4 310 4 450 4 450 5 690 6 830	16 17 19 19 27 27	0.938 0.916 0.916 0.916 0.904 0.886	0.56 0.56 0.56 0.56 0.56 0.59	368.9 461.2 537.5 543.5 646.9 786.3	1910 1904 1973 1973 1944 1955	1994 1994 1994 1994 1994 1982	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.3 PRODUCTION DECLINE PART OF MED HAT POOL NO.4 PRODUCTION DECLINE PART OF 2WS POOL NO.1 PRODUCTION DECLINE BEAU WASCANA ENGAGE CRESTAR IOL RENENER PANALTA CWNGNUL TCPL PROGAS PROGAS BEAU CRESTAR RENENER TCPL MATERIAL BALANCE
1.71 6.57	0.272 0.161	0.60 0.65	2 840 3 110	20 21	0.945 0.941	0.56 0.56	520.5 507.9	1960 1967 1960	1987 1987 1985	MATERIAL BALANCE MATERIAL BALANCE CNRL TALISMA
5.03 9.00 10.30	0.128 0.180 0.142	0.80 0.65 0.75	17 210 18 050 17 190	65 67 70	0.844 0.870 0.856	0.66 0.62 0.65	1 868.8 1 965.5 1 971.9	1974 1987 1991	1998 1996 1996	RIGEL TALISMA TCPL PRODUCTION DECLINE TALISMA PRODUCTION DECLINE RIGEL
8.85 1.75 1.11 0.65 1.05 2.22 2.47 1.85 1.13 0.61 1.95 0.62 3.70 3.50	0.154 0.170 0.139 0.139 0.216 0.158 0.140 0.170 0.200 0.170 0.150 0.170 0.200 0.180	0.55 0.55 0.60 0.60 0.60 0.50 0.70 0.45 0.65 0.40 0.55 0.75 0.50 0.50	3 140 4 310 4 450 4 450 5 690 7 000 5 890 6 040 8 550 7 000 6 870 6 040 6 630 7 410	16 17 19 19 27 29 32 32 34 31 27 32 34 35	0.938 0.916 0.916 0.916 0.904 0.866 0.896 0.893 0.867 0.867 0.865 0.899 0.890 0.881	0.56 0.57 0.56 0.56 0.57 0.61 0.59 0.59 0.61 0.61 0.61 0.59 0.61 0.60	359.3 447.7 464.2 507.8 641.8 822.7 814.3 830.0 881.9 807.7 803.3 830.8 895.4 904.7	1910 1904 1973 1973 1944 1964 1973 1973 1946 1973 1962 1973 1973 1980 1962	1987 1994 1987 1993 1993 1997 1996 1996 1986 1996 1997 1996 1989 1997 1996	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.3 PART OF MED HAT POOL NO.4 PART OF 2WS POOL NO.1 RENENER PCOG BEAU ENGAGE CRESTAR POCO PANCDN IOL PANALTA CWNGNUL TCPL PROGAS RENENER PANALTA PANCDN CWNGNUL TCPL PRODUCTION DECLINE PANCDN TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BANTRY 018-12W4 (CONTINUED)									
MANNVILLE A ASSOC	166	0.90	0.15	127b			39		452
MANNVILLE A SOLN	1 194	0.62	0.50	370b			39		
MANNVILLE A ASSOC	202	0.90	0.10	164b			37		673
MANNVILLE A ASSOC	13	0.90	0.10	11b			37		36
MANNVILLE A ASSOC	229	0.90	0.10	185b			37		484
MANNVILLE A ASSOC	8	0.70	0.10	5b			37		32
MANNVILLE A ASSOC	20	0.70	0.10	13b			37		128
MANNVILLE A ASSOC	26	0.90	0.10	21b			37		64
MANNVILLE A ASSOC	2	0.90	0.10	2b			37		32
MANNVILLE A ASSOC	7	0.90	0.10	5b			37		32
MANNVILLE A ASSOC	5	0.90	0.10	5b			37		15
MANNVILLE A ASSOC	98	0.80	0.10	70b			37		150
MANNVILLE A TOTAL	1 970	0.70	0.30	978b	859b	119	38	4 503	
OTHER	7 021			4 411	2 377	2 034		75 003	
TOTAL-BANTRY	36 972			24 069	16 877	7 192		264 031	
BAPTISTE 067-22W4									
MANNVILLE H	1 025	0.80	0.05	779	706	73	38	2 753	8 762
MANNVILLE G	1 330	0.60	0.05	758			37		10 682
WABAMUN C	1 193	0.75	0.05	850			38		2 205
MANN G & WAB C TOTAL	2 523	0.65	0.05	1 608	1 246	362	38	13 662	
WABAMUN E	1 024	0.85	0.05	827	755	72	37	2 688	1 785
OTHER	1 876			1 223	433	790		29 638	
TOTAL-BAPTISTE	6 448			4 437	3 140	1 297		48 741	
BARK (SA) 121-07W6									
TOTAL-BARK	22			16		16		590	
BARNEY 080-20W4									
TOTAL-BARNEY	368			188	95	93		3 457	
BARONS 012-23W4									
TOTAL-BARONS	19			8		8		312	
BARRHEAD 058-04W5									
BELLY RIVER B	758	0.85	0.05	612	358	254	37	9 322	1 257
OTHER	1 386			950	231	719		27 856	
TOTAL-BARRHEAD	2 144			1 562	589	973		37 178	
BARTMAN 025-09W4									
TOTAL-BARTMAN	165			118	13	105		3 898	
BASLINE 061-14W5									
TOTAL-BASLINE	16			11		11		427	
BASHAW 042-22W4									
BELLY RIVER C	2 137	0.65	0.05	1 320			37		25 088
BELLY RIVER G	77	0.60	0.05	44			37		787
BELLY RIVER H	907	0.70	0.05	603			37		7 427
BELLY RIVER L	30	0.65	0.05	19			38		250
BELLY RIVER M	343	0.70	0.05	228			37		770
BELLY RIVER O	24	0.65	0.05	15			37		250
B RIVER C,G,H,L,M&O TOTAL	3 518	0.65	0.05	2 229	1 663	566	37	20 817	
VIKING B	480	0.75	0.10	324	313	11	37	411	1 042
BASAL MANNVILLE B	129	0.70	0.15	77			39		873
BASAL MANNVILLE B	73	0.70	0.15	43			39		300
BASAL MANNVILLE B	659	0.70	0.15	392			39		1 350
BASAL MANNVILLE B TOTAL	861	0.70	0.15	512	232	280	39	11 012	
D-3 A ASSOC	568	0.85	0.20	386b			36		1 176
D-3 A SOLN	365	0.65	0.62	90b			36		
D-3 A ASSOC	2	0.75	0.20	2b			36		13
D-3 A TOTAL	935	0.75	0.35	478b	391b	87	36	3 142	
OTHER	5 691			2 916	1 148	1 768		66 485	
TOTAL-BASHAW	11 485			6 459	3 747	2 712		101 867	
BASING 048-20W5									
SPRAY RIVER A	353	0.75	0.10	239			39		1 255
TURNER VALLEY B	1 195	0.40	0.10	430			38		882
SPRAY R A & TV B TOTAL	1 548	0.50	0.10	669	211	458	38	17 413	
TURNER VALLEY A	2 792	0.40	0.10	1 005	469	536	38	20 513	2 483

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.61	0.248	0.65	7 790	37	0.819	0.77	976.5	1947	1998	GPP
1.44	0.255	0.65	10 780	37	0.787	0.77	981.5	1947	1998	GPP
1.58	0.260	0.70	10 780	37	0.787	0.72	989.3	1947	1992	
2.29	0.255	0.65	10 780	38	0.789	0.73	992.4	1947	1996	
1.80	0.260	0.65	7 890	38	0.833	0.72	997.3	1947	1998	ASSIGNED WELL 16-15-018-13W4M
1.00	0.260	0.70	7 880	38	0.833	0.72	993.5	1947	1996	ASSIGNED WELL 10-26-017-13W4M
1.80	0.260	0.70	10 780	38	0.789	0.72	990.7	1947	1996	ASSIGNED WELL 12-34-017-12W4M
0.30	0.260	0.70	10 780	37	0.787	0.72	989.2	1947	1996	ASSIGNED WELL 12-01-018-13W4M
0.90	0.260	0.70	10 780	37	0.787	0.72	989.3	1947	1996	ASSIGNED WELL 01-02-018-13W4M
1.45	0.260	0.70	10 780	37	0.787	0.72	985.5	1947	1992	
5.00	0.210	0.60	9 130	37	0.810	0.72	972.9	1947	1996	ASSIGNED WELL 02/10-15-017-12W4M
								1947	1998	PANCDN BEAU TCPL CRESTAR GPP
3.27	0.275	0.50	3 290	15	0.931	0.57	473.8	1965	1996	TCPL RENENER DYNALTA HUSKY CANST PAWTUCK
4.47	0.295	0.65	3 480	21	0.934	0.56	477.7	1966	1996	CNRL PRODUCTION DECLINE SLUSH OIL
9.18	0.229	0.75	3 410	29	0.936	0.59	605.2	1976	1994	PRODUCTION DECLINE
6.74	0.161	0.70	3 520	26	0.934	0.58	585.9	1966	1997	TCPL RENENER POCC CNFRST AMOCO CANST CNRL
								1959	1998	CNRL RENENER TCPL PRODUCTION DECLINE
6.02	0.280	0.70	4 750	18	0.908	0.57	539.8	1993	1995	CDNFRST
3.80	0.247	0.45	2 020	23	0.962	0.58	508.0	1977	1997	PART OF BR POOL NO.1
1.68	0.275	0.50	4 120	25	0.926	0.56	618.5	1980	1996	PART OF BR POOL NO.1
2.32	0.268	0.50	4 240	52	0.945	0.57	629.5	1978	1998	PART OF BR POOL NO.1
3.00	0.250	0.40	3 960	26	0.929	0.55	645.3	1981	1996	PART OF BR POOL NO.1
3.95	0.296	0.50	4 020	26	0.929	0.56	651.4	1982	1986	PART OF BR POOL NO.1 PRODUCTION DECLINE
2.50	0.230	0.40	4 130	25	0.926	0.56	619.6	1981	1996	PART OF BR POOL NO.1
								1977	1998	AEL CANST PIONEER POCC PANCDN PANALTA TCPL
2.28	0.206	0.65	7 110	42	0.869	0.67	1 124.8	1961	1998	APACHE AMOCO PART OF BR POOL NO.1
1.44	0.202	0.50	9 720	53	0.837	0.72	1 395.7	1963	1992	CONWEST PANALTA TCPL PRODUCTION DECLINE
2.47	0.185	0.50	9 990	49	0.826	0.72	1 399.1	1963	1998	SLUSH OIL
3.84	0.209	0.60	9 730	53	0.837	0.72	1 414.3	1963	1992	SLUSH OIL
								1963	1998	SLUSH OIL
5.27	0.069	0.80	15 920	63	0.811	0.78	1 754.5	1951	1997	AEL PANCDN TCPL SLUSH OIL
								1951	1997	CONCURRENT PRODUCTION
2.00	0.050	0.85	15 920	63	0.811	0.78	1 732.8	1951	1996	CONCURRENT PRODUCTION
								1951	1997	PANCDN TCPL APACHE CONCURRENT PRODUCTION
1.81	0.060	0.75	33 800	107	1.012	0.66	3 806.4	1978	1996	TOP/BASE TVD
9.68	0.050	0.80	32 000	119	1.017	0.63	3 802.2	1978	1996	TCPL PCOG PANALTA MOBIL
9.92	0.060	0.80	33 630	121	1.028	0.63	3 912.2	1975	1996	PCOG MOBIL PANALTA TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BASING 048-20W5 (CONTINUED)									
OTHER	1 050			736	249	487		19 365	
TOTAL-BASING	5 390			2 410	929	1 481		57 291	
BASSANO 021-18W4									
BOW ISLAND D	74	0.70	0.05	49			36		2 129
BOW ISLAND E	81	0.70	0.05	54			36		779
BOW ISLAND G	358	0.75	0.05	256			36		1 545
BOW ISLAND J	61	0.70	0.05	41			36		79
BOW ISLAND D,E,G & J TOTAL	574	0.75	0.05	400	300	100	36	3 613	
UPPER MANNVILLE C	496	0.75	0.10	335	316	19	39	739	447
UPPER MANNVILLE R	484	0.75	0.10	327	225	102	37	3 763	150
GLAUCONITIC III	613	0.85	0.10	469	221	248	38	9 484	1 314
OTHER	4 461			2 782	1 046	1 736		64 994	
TOTAL-BASSANO	6 628			4 313	2 108	2 205		82 593	
BATTLE SOUTH 045-20W4									
TOTAL-BATTLE SOUTH	329			198	78	120		4 529	
BAXTER LAKE 047-05W4									
MANNVILLE B	502	0.85	0.05	406	393	13	35	449	867
OTHER	845			504	364	140		4 943	
TOTAL-BAXTER LAKE	1 347			910	757	153		5 392	
BEATON 087-02W6									
TOTAL-BEATON	1 916			1 250	788	462		17 319	
BEAUVALLON 053-10W4									
VIKING H	5	0.75	0.05	4			37		200
COLONY L	1 797	0.65	0.05	1 110			38		5 097
VIKING H & COLONY L TOTAL	1 802	0.65	0.05	1 114	1 110	4	38	150	
COLONY K ASSOC		0.85	0.05				37		2 622
COLONY K ASSOC		0.85	0.05				37		249
COLONY K ASSOC		0.85	0.05				37		239
COLONY K ASSOC		0.85	0.05				37		100
COLONY K TOTAL	1 880	0.85	0.05	1 518 ^b	1 444 ^b	74	37	2 766	
COLONY P	641	0.75	0.05	457			37		5 808
COLONY HH	21	0.70	0.05	14			37		150
COLONY P & HH TOTAL	662	0.75	0.05	471	184	287	37	10 714	
OTHER	2 062			1 380	721	659		24 389	
TOTAL-BEAUVALLON	6 406			4 483	3 459	1 024		38 019	
BEAVER CROSSING 062-01W4									
TOTAL-BEAVER CROSSING	446			246	198	48		1 796	
BEAVERHILL LAKE 052-19W4									
U&M VIKING A		0.85	0.03				37		31 725
LOWER VIKING A		0.80	0.03				38		16 379
U&M VIK A & L VIK A TOTAL	6 186	0.80	0.05	4 800	4 594	206	37	7 599	
OTHER	3 156			2 064	992	1 072		39 604	
TOTAL-BEAVERHILL LAKE	9 342			6 864	5 586	1 278		47 203	
BEAVERLODGE 072-10W6									
TOTAL-BEAVERLODGE	517			330	189	141		5 506	
BELLIS 059-16W4									
UPPER MANNVILLE B		0.80	0.05				38		2 185
UPPER MANNVILLE B		0.80	0.05				37		1 216
UPPER MANNVILLE B		0.80	0.05				38		100
UPPER MANNVILLE B TOTAL	1 100	0.80	0.05	836	802	34	38	1 277	
UPPER MANNVILLE E		0.75	0.05				37		3 804
UPPER MANNVILLE F		0.75	0.05				38		856
UPPER MANNVILLE G		0.75	0.05				38		1 177
UPPER MANNVILLE H		0.75	0.05				38		200
U MANN E,F,G & H TOTAL	1 520	0.75	0.05	1 083	1 080	3	37	112	
NISKU C	589	0.65	0.05	364	358	6	37	222	2 023
NISKU D	528	0.65	0.05	326	305	21	37	777	1 506
NISKU F	614	0.70	0.05	409	407	2	37	74	566
OTHER	7 213			4 431	2 556	1 875		69 897	
TOTAL-BELLIS	11 564			7 449	5 508	1 941		72 359	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.67 1.59 2.23 2.32	0.143 0.151 0.219 0.340	0.45 0.50 0.55 0.65	7 640 8 150 8 160 8 200	32 33 33 33	0.883 0.876 0.879 0.876	0.59 0.58 0.59 0.58	1 076.8 1 121.8 1 146.6 1 177.7	1980 1988 1988 1988	1998 1993 1995 1996	PRODUCTION DECLINE MARATHN ENGAGE TCPL PROGAS PANALTA CRESTAR PANCDN TCPL PRODUCTION DECLINE PANCDN PRODUCTION DECLINE PANCDN PART OF GLAUC POOL NO.6
3.09 12.70 3.45	0.235 0.220 0.190	0.65 0.80 0.65	10 480 8 430 9 650	45 46 32	0.825 0.859 0.822	0.66 0.68 0.63	1 220.0 1 243.1 1 173.6	1968 1995 1954	1997 1997 1996	
2.31	0.260	0.65	4 560	24	0.921	0.60	701.8	1950	1997	PENWEST AEL PANALTA PRODUCTION DECLINE
0.50 3.25 5.01 2.71 1.33 4.88	0.120 0.287 0.283 0.285 0.229 0.270	0.50 0.75 0.80 0.85 0.60 0.80	3 960 3 710 4 230 4 250 3 990 3 950	100 19 24 26 24 19	0.969 0.926 0.920 0.922 0.925 0.921	0.59 0.57 0.57 0.57 0.57 0.57	524.0 531.0 570.9 547.5 566.6 560.3	1981 1975 1975 1973 1973 1973	1996 1995 1996 1990 1990 1990	PRODUCTION DECLINE PRODUCTION DECLINE PANALTA BEAU UNPACF CWNGNUL CNRL PRODUCTION DECLINE GPP PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE ASSIGNED WELL 07-19-053-09W4M TCPL UNPACF CNRL CWNGNUL GPP NONCOMMERCIAL OIL
1.80 1.60	0.278 0.330	0.60 0.70	3 550 3 710	22 22	0.931 0.928	0.58 0.57	483.6 527.2	1973 1972 1980 1972	1998 1998 1992 1998	BEAU UNPACF CNRL PROGAS PANALTA AMOCO
2.09 1.24	0.203 0.212	0.55 0.55	5 550 5 630	31 28	0.901 0.893	0.60 0.60	790.3 789.7	1917 1953 1917	1989 1982 1982	PART OF VIK POOL NO.2 MATERIAL BALANCE PART OF VIK POOL NO.2 MATERIAL BALANCE RENENER POCO IOL CWNGNUL TCPL PART OF VIK POOL NO.2
2.32 1.29 2.70	0.284 0.272 0.276	0.70 0.60 0.60	2 560 3 380 4 080	25 21 25	0.950 0.935 0.921	0.59 0.57 0.59	487.7 502.6 524.1	1965 1965 1965	1998 1994 1994	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE CGGS NRTHSTR PANALTA TCPL
2.31 1.77 2.12 2.78	0.300 0.300 0.298 0.300	0.65 0.60 0.65 0.55	3 450 3 700 3 450 3 890	22 22 22 22	0.933 0.927 0.932 0.923	0.60 0.57 0.57 0.58	529.3 538.4 550.2 568.9	1963 1969 1969 1969	1996 1996 1996 1996	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE RENENER AEL TCPL
9.69 14.53	0.191 0.183	0.60 0.65	3 770 3 800	27 26	0.933 0.931	0.57 0.57	615.0 593.8	1976 1965	1997 1997	RENENER CGGS TCPL PRODUCTION DECLINE PANALTA CGGS NRTHSTR TCPL PRODUCTION DECLINE
11.77	0.132	0.75	3 600	22	0.933	0.57	619.7	1990	1996	PANALTA LOMALTA PROGAS MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BELLOY 078-01W6									
CADOTTE A	633	0.75	0.05	451	366	85	38	3 189	3 555
NOTIKEWIN A	584	0.56	0.05	311	305	6	37	224	481
DEBOLT A	266	0.80	0.10	192 ^b			39		612
DEBOLT B	494	0.80	0.10	356 ^b			39		688
DEBOLT C ASSOC	362	0.80	0.10	261 ^b			38		584
DEBOLT C SOLN	7	0.65	0.10	5 ^b			38		
DEBOLT E	256	0.75	0.10	173 ^b			38		200
DEBOLT A,B,C & E TOTAL	1 385	0.80	0.10	987 ^b	709 ^b	278	39	10 747	
OTHER	3 406			2 389	768	1 621		61 013	
TOTAL-BELLOY	6 008			4 138	2 148	1 990		75 173	
BELLSHILL LAKE 041-13W4									
BLAIRMORE ASSOC	157	0.70	0.20	88 ^b			38		211
BLAIRMORE SOLN	1 385	0.65	0.45	495 ^b			38		
BLAIRMORE ASSOC	4	0.65	0.20	2 ^b			38		32
BLAIRMORE ASSOC	5	0.65	0.20	2 ^b			38		15
BLAIRMORE ASSOC	4	0.70	0.20	2 ^b			38		12
BLAIRMORE ASSOC	78	0.65	0.20	41 ^b			38		142
BLAIRMORE ASSOC	3	0.65	0.20	2 ^b			38		18
BLAIRMORE ASSOC	22	0.65	0.20	11 ^b			38		20
BLAIRMORE ASSOC	7	0.70	0.20	4 ^b			38		4
BLAIRMORE TOTAL	1 665	0.65	0.40	647 ^b	414 ^b	233	38	8 777	
OTHER	1 247			741	274	467		16 707	
TOTAL-BELLSHILL LAKE	2 912			1 388	688	700		25 484	
BENJAMIN 028-07W5									
RUNDLE C	1 250	0.77	0.15	819	585	234	38	8 948	609
RUNDLE D	2 420	0.75	0.15	1 543	643	900	37	33 318	200
RUNDLE A		0.80	0.15				39		1 356
RUNDLE B		0.80	0.15				39		393
RUNDLE A & B TOTAL	3 500	0.80	0.15	2 380	1 256	1 124	39	43 791	
WAB 28-028-08	1 725	0.62	0.60	428		428	37	15 990	200
TOTAL-BENJAMIN	8 895			5 170	2 484	2 686		102 047	
BENTLEY 058-07W4									
TOTAL-BENTLEY	111			71	35	36		1 341	
BENTON 028-03W4									
TOTAL-BENTON	1 150			799	183	616		23 090	
BERLAND RIVER 059-23W5									
LEDUC A	3 852	0.90	0.25	2 600	1 644	956	38	36 079	400
LEDUC C	617	0.80	0.15	420	9	411	35	14 554	200
OTHER	75			48	38	10		360	
TOTAL-BERLAND RIVER	4 544			3 068	1 691	1 377		50 993	
BERLAND RIVER WEST 058-25W5									
WABAMUN B	2 248	0.80	0.30	1 259	1 016	243	38	9 283	790
WAB 23-057-25	1 357	0.85	0.15	980		980	39	38 034	200
TOTAL-BERLAND RIVER WEST	3 605			2 239	1 016	1 223		47 317	
BERRY 027-12W4									
VIKING F	615	0.80	0.05	467	54	413	37	15 351	1 655
OTHER	4 175			2 788	1 238	1 550		58 617	
TOTAL-BERRY	4 790			3 255	1 292	1 963		73 968	
BERWYN (SA) 082-25W5									
TOTAL-BERWYN	436			283		283		10 935	
BESSIE 062-15W5									
TOTAL-BESSIE	100			63	16	47		1 825	
BEZANSON 071-03W6									
DUNVEGAN A	305	0.85	0.10	233			38		477
DUNVEGAN B	207	0.75	0.05	147			38		225
CADOTTE A	47	0.75	0.05	33			38		150
DUNV A,B & CDOT A TOTAL	559	0.80	0.10	413	38	375	38	14 348	
OTHER	1 968			1 421	295	1 126		43 700	
TOTAL-BEZANSON	2 527			1 834	333	1 501		58 048	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.05	0.278	0.65	3 130	20	0.940	0.56	514.8	1951	1998	RIGEL BEAU UNPACF AEC AEL TALISMA PCOG TCPL PIONEER PROGAS AEL PRODUCTION DECLINE
3.81	0.184	0.60	4 650	23	0.915	0.56	569.5	1951	1998	MATERIAL BALANCE
3.33	0.228	0.60	10 140	48	0.848	0.63	1 425.5	1951	1981	MATERIAL BALANCE
6.53	0.190	0.65	14 640	50	0.794	0.68	1 450.8	1951	1981	MATERIAL BALANCE
4.79	0.203	0.60	15 890	49	0.790	0.71	1 487.6	1951	1992	MATERIAL BALANCE GPP
10.00	0.180	0.60	11 690	58	0.848	0.65	1 599.6	1951	1992	MATERIAL BALANCE GPP
										AEL GPP
4.36	0.275	0.75	7 400	34	0.827	0.78	900.5	1955	1995	GPP
1.00	0.257	0.70	6 510	35	0.848	0.78	902.4	1955	1995	GPP
2.27	0.262	0.80	6 510	34	0.846	0.78	899.9	1955	1996	
1.75	0.276	0.75	7 470	35	0.828	0.78	916.4	1955	1991	
3.71	0.279	0.75	6 510	36	0.850	0.78	938.9	1955	1996	
1.14	0.254	0.70	6 510	35	0.848	0.78	913.6	1955	1996	
6.80	0.287	0.80	6 650	34	0.861	0.74	897.3	1955	1996	TOP/BASE TVD
9.70	0.275	0.80	7 530	35	0.827	0.78	926.9	1955	1996	ASSIGNED WELL 05/10-15-41-12W4 CRESTAR RENENER PCOG PANCDN CNRL ENGAGE HUSKY IOL TCPL PIONEER GPP
16.38	0.064	0.80	28 900	92	0.948	0.69	3 503.9	1978	1995	PCOG PROGAS PANALTA MATERIAL BALANCE
32.90	0.070	0.80	22 120	60	0.863	0.65	2 332.5	1991	1998	TOP/BASE TVD
22.78	0.054	0.75	28 000	97	0.950	0.67	3 248.9	1969	1997	PRODUCTION DECLINE TOP/BASE TVD
19.28	0.056	0.75	27 400	92	0.940	0.67	3 292.9	1969	1997	PRODUCTION DECLINE TOP/BASE TVD
49.70	0.060	0.85	29 190	71	0.709	0.92	3 010.9	1969	1997	PRODUCTION DECLINE TOP/BASE TVD
										PCOG PROGAS PANALTA BER TOP/BASE TVD
65.60	0.074	0.90	36 450	120	1.015	0.68	3 762.7	1974	1996	TCPL MATERIAL BALANCE TOP/BASE TVD
19.00	0.080	0.90	29 140	104	0.974	0.66	3 675.0	1989	1995	TOP/BASE TVD
15.70	0.082	0.85	35 290	116	0.992	0.72	3 637.4	1980	1998	CHEL AMOCO DEEP CUT SL
58.00	0.060	0.75	35 310	109	1.011	0.69	3 754.5	1991	1996	TALISMA
4.46	0.200	0.50	7 990	37	0.880	0.58	965.4	1980	1995	CNRL CRESTAR CDNFRST PROGAS
5.33	0.182	0.65	9 260	36	0.840	0.62	994.7	1994	1995	
8.30	0.169	0.75	8 170	33	0.867	0.58	899.6	1994	1997	
3.75	0.154	0.55	9 610	44	0.867	0.58	1 193.7	1994	1997	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BIG BEND 066-27W4									
GRAND RAPIDS Q	741	0.75	0.05	528	524	4	38	151	750
GRAND RAPIDS F	14	0.65	0.05	9			38		200
GRAND RAPIDS U	105	0.60	0.05	60			38		1 410
GRAND RAPIDS NN	5	0.65	0.05	3			38		200
MCMURRAY WW		0.60	0.05				37		624
MCMURRAY I		0.60	0.05				37		384
GR F.U.NN & MCMY WW TOTAL	550	0.65	0.05	327	275	52			
MCMURRAY E	550	0.70	0.05	366	324	42	38	1 577	2 249
MCMURRAY H	1 264	0.75	0.05	901	636	265	38	10 044	1 725
MCMURRAY A		0.70	0.05				38		1 047
MCMURRAY I		0.70	0.05				38		867
MCMURRAY A & I TOTAL	721	0.70	0.05	480	424	56	38	2 129	
MCMURRAY C	314	0.65	0.05	194			37		1 698
MCMURRAY G	343	0.70	0.05	228			37		1 246
MCMURRAY C & G TOTAL	657	0.70	0.05	422	409	13	37	480	
MCMURRAY B		0.65	0.05				38		3 235
MCMURRAY II		0.60	0.05				38		591
WABAMUN F		0.65	0.05				37		128
MCMURRAY B,II & WAB F TOTAL	1 000	0.65	0.05	618	576	42	38	1 577	
MCMURRAY GGG	640	0.75	0.05	456	370	86	37	3 219	200
WABAMUN A	1 147	0.70	0.05	763	528	235	37	8 805	2 591
WABAMUN H	1 502	0.70	0.10	946	673	273	38	10 363	2 670
OTHER	13 592			8 559	4 748	3 811		140 847	
TOTAL-BIG BEND	22 364			14 366	9 487	4 879		179 192	
BIG COULEE 067-23W4									
TOTAL-BIG COULEE	1 495			975	439	536		20 063	
BIGORAY 052-08W5									
GLAUCONITIC I	1 975	0.65	0.06	1 207			40		3 747
OSTRACOD D	203	0.75	0.10	137			40		772
GLAUC I & OST D TOTAL	2 178	0.65	0.05	1 344	641	703	40	27 832	
PEKISKO A ASSOC	2 247	0.75	0.10	1 517 ^b			40		5 276
PEKISKO A SOLN	327	0.65	0.66	72 ^b			40		
PEKISKO A TOTAL	2 574	0.75	0.15	1 589 ^b	1 574 ^b	15	40	595	
NISKU F SOLN	413	0.84	0.10	312 ^b			39		
NISKU F ASSOC		0.85	0.10		-123 ^b	435	39	17 017	
OTHER	4 114			1 948	793	1 155		44 862	
TOTAL-BIGORAY	9 279			5 193	2 885	2 308		90 306	
BIGSTONE 061-22W5									
DUNVEGAN A ASSOC	7 662	0.85	0.05	6 187 ^b			40		9 089
DUNVEGAN A TOTAL	7 662	0.85	0.05	6 187 ^b	4 592 ^b	1 595	40	64 390	
DUNVEGAN B	1 925	0.80	0.10	1 386	851	535	40	21 411	3 586
D-3 A	13 665	0.46	0.30	4 400	4 283	117	37	4 370	2 277
D-3 B	801	0.80	0.20	513	5	508	37	18 694	200
OTHER	1 601			1 047	178	869		33 961	
TOTAL-BIGSTONE	25 654			13 533	9 909	3 624		142 826	
BILAWCHUK 080-08W6									
TOTAL-BILAWCHUK	541			379	7	372		14 444	
BILBO 065-08W6									
FALHER A	549	0.90	0.15	420	246	174	40	6 887	250
OTHER	1 605			1 085	287	798		31 605	
TOTAL-BILBO	2 154			1 505	533	972		38 492	
BINDLOSS 022-05W4									
MILK RIVER A	484	0.50	0.05	230			36		22 607
MEDICINE HAT A	549	0.50	0.03	267			36		22 725
SE ALTA GAS SYS (MU) TOTAL	1 033	0.50	0.05	497	416	81	36	2 954	
VIKING A	10 469	0.90	0.01	9 328	9 045	283	36	10 301	21 268
LOWER MANNVILLE E	388	0.85	0.05	314	38	276	36	10 052	300
OTHER	1 089			754	331	423		15 381	
TOTAL-BINDLOSS	12 979			10 893	9 830	1 063		38 688	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.49	0.266	0.55	4 430	26	0.919	0.57	597.9	1967	1997	TCPL CNRL PRODUCTION DECLINE
1.00	0.270	0.60	4 120	27	0.927	0.56	619.6	1975	1996	
1.25	0.264	0.50	4 340	25	0.921	0.56	620.3	1974	1996	
1.20	0.210	0.25	4 330	35	0.929	0.57	615.7	1974	1996	
2.66	0.211	0.65	4 870	31	0.909	0.63	807.8	1974	1993	PRODUCTION DECLINE
0.98	0.200	0.65	4 880	32	0.914	0.59	815.5	1974	1993	PRODUCTION DECLINE
								1974	1994	CNRL TCPL
2.09	0.203	0.65	5 100	35	0.912	0.60	754.3	1965	1995	CNRL PANALTA TCPL PRODUCTION DECLINE
3.03	0.217	0.65	4 910	31	0.908	0.61	794.7	1967	1998	PRODUCTION DECLINE
0.88	0.227	0.60	5 300	33	0.903	0.61	799.8	1953	1998	PRODUCTION DECLINE
5.40	0.267	0.75	5 290	33	0.904	0.60	815.9	1953	1998	PRODUCTION DECLINE
								1953	1998	CNRL TCPL AMOCO
2.40	0.202	0.60	5 030	35	0.915	0.59	790.3	1953	1996	PRODUCTION DECLINE
2.28	0.207	0.60	5 060	34	0.917	0.60	798.2	1953	1982	PRODUCTION DECLINE
								1953	1998	TCPL CNRL
2.39	0.204	0.60	5 000	31	0.910	0.60	801.5	1968	1987	PRODUCTION DECLINE
1.35	0.245	0.65	5 000	31	0.908	0.60	803.2	1968	1989	PRODUCTION DECLINE
6.10	0.190	0.70	5 790	31	0.888	0.63	802.9	1976	1983	PRODUCTION DECLINE
								1968	1998	AEL GULF CNRL TCPL AMOCO
11.30	0.290	0.80	4 930	36	0.918	0.60	746.6	1993	1996	CNRL PANALTA TCPL PRODUCTION DECLINE
6.87	0.168	0.75	4 990	32	0.910	0.60	810.7	1967	1997	RENENER GULF CNRL TCPL AMOCO
8.49	0.181	0.80	4 520	32	0.921	0.59	759.0	1976	1996	CNRL HUSKY TCPL
5.51	0.120	0.55	13 580	60	0.800	0.72	1 840.6	1958	1998	PART OF GLAUC POOL NO.5
1.70	0.141	0.70	15 090	65	0.810	0.72	1 899.0	1987	1995	PART OF GLAUC POOL NO.5
								1958	1998	PROGAS PANALTA CNFRST AMOCO NRTHSTR PART
										OF GLAUC POOL NO.5
5.60	0.073	0.65	15 370	63	0.834	0.67	1 884.3	1962	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.67		1962	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1962	1997	CNFRST NRTHSTR POCO AMOCO CONCURRENT
										PRODUCTION
						0.69		1977	1992	CHEVRON GPP
						0.69		1977	1992	CHEVRON GPP
4.86	0.146	0.65	18 240	71	0.825	0.69	1 981.6	1959	1998	GPP
								1959	1998	PROGAS AEL ENRMARK UNPACF MOBIL AEC
3.21	0.144	0.65	17 880	74	0.827	0.71	2 096.8	1976	1998	TALISMA GPP
										UNPACF MOBIL TALISMA AEC AMOCO PRODUCTION
17.15	0.090	0.85	33 120	116	0.981	0.68	3 378.3	1960	1991	DECLINE
18.00	0.120	0.85	28 500	115	0.958	0.67	3 469.0	1986	1996	UNPACF TALISMA AMOCO PRODUCTION DECLINE
										PREV GAS CYCLING, BLOWDOWN
										TALISMA AMOCO
7.60	0.120	0.85	35 710	83	1.007	0.64	2 552.0	1982	1996	DEEP CUT SL
4.98	0.154	0.55	3 140	16	0.937	0.56	331.1	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION
0.56	0.170	0.55	4 310	17	0.916	0.56	430.2	1904	1994	DECLINE
								1904	1994	PART OF MED HAT POOL NO.1
3.26	0.302	0.60	6 830	27	0.880	0.59	680.7	1952	1998	WASCANA CRESTAR POCO RENENER TCPL
7.40	0.270	0.65	9 310	34	0.866	0.58	924.7	1994	1997	WASCANA CRESTAR TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BIRCH 050-11W4									
UPPER MANNVILLE R	400	0.80	0.05	304	295	9	37	337	668
CAMROSE B	733	0.90	0.05	627	627	< 1	37	-	4 603
OTHER	3 386			2 214	1 421	793		29 589	
TOTAL-BIRCH	4 519			3 145	2 343	802		29 926	
BISON LAKE 095-15W5									
TOTAL-BISON LAKE	432			325	183	142		5 228	
BISTCHO 122-04W6									
SULPHUR POINT G	991	0.70	0.15	590	33	557	37	20 509	2 204
OTHER	2 769			1 736	394	1 342		49 731	
TOTAL-BISTCHO	3 760			2 326	427	1 899		70 240	
BITTERN LAKE 046-22W4									
GLAUCONITIC A	975	0.80	0.05	741	740	1	37	37	1 313
ELLERSLIE D	648	0.80	0.10	466	196	270	39	10 409	1 156
OTHER	4 331			2 854	1 144	1 710		64 128	
TOTAL-BITTERN LAKE	5 954			4 061	2 080	1 981		74 574	
BLACK 110-09W6									
TOTAL-BLACK	1 196			426	220	206		7 843	
BLACK BUTTE 001-08W4									
BASAL COLORADO A	323	0.80	0.05	245			37		1 031
BASAL COLORADO B	300	0.85	0.05	242			37		838
BASAL COLORADO A&B TOTAL	623	0.80	0.05	487	422	65	37	2 414	
SUNBURST-SWIFT A	493	0.80	0.04	378	347	31	37	1 152	619
SAWTOOTH A	863	0.84	0.10	653	628	25	37	934	1 660
RUNDLE A	1 105	0.80	0.10	796	475	321	37	11 951	1 230
OTHER	741			500	268	232		8 598	
TOTAL-BLACK BUTTE	3 825			2 814	2 140	674		25 049	
BLACK DIAMOND 020-01W5									
TOTAL-BLACK DIAMOND	65			39	39				
BLACKFOOT 023-23W4									
MEDICINE HAT A	877	0.50	0.03	426			36		14 969
SE ALTA GAS SYS(MU) TOTAL	877	0.50	0.05	426	274	152	36	5 543	
VIKING K	4	0.65	0.05	3			37		64
VIKING K	535	0.85	0.05	432			37		1 189
VIKING K TOTAL	539	0.85	0.05	435	204	231	37	8 478	
OTHER	2 328			1 502	619	883		33 597	
TOTAL-BLACKFOOT	3 744			2 363	1 097	1 266		47 618	
BLACKSTONE 045-16W5									
BEAVERHILL LAKE A	33 334	0.80	0.25	20 000	9 126	10 874	37	404 948	4 714
OTHER	195			119		119		4 733	
TOTAL-BLACKSTONE	33 529			20 119	9 126	10 993		409 681	
BLOOD 006-22W4									
BOW ISLAND A	1 390	0.90	0.05	1 188	1 165	23	36	831	12 629
OTHER	1 334			876	334	542		18 952	
TOTAL-BLOOD	2 724			2 064	1 499	565		19 783	
BLUEBERRY 082-07W6									
KISKATINAW A	1 168	0.84	0.10	883	855	28	38	1 066	400
OTHER	1 806			1 273	451	822		31 365	
TOTAL-BLUEBERRY	2 974			2 156	1 306	850		32 431	
BLUERIDGE 059-10W5									
JURASSIC B	2 958	0.76	0.10	2 023	1 837	186	40	7 351	3 954
JURASSIC D	645	0.80	0.10	464	37	427	39	16 649	400
JURASSIC F	748	0.75	0.10	505	464	41	39	1 613	600
PEKISKO A SOLN	6	0.65	0.25	3b			39		
PEKISKO A ASSOC	695	0.80	0.10	500b	498b	5	39	196	1 637
OTHER	1 854			1 296	188	1 108		42 984	
TOTAL-BLUERIDGE	6 906			4 791	3 024	1 767		68 793	
BOGGY LAKE (SA) 030-06W5									
TOTAL-BOGGY LAKE	74			53	14	39		1 520	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.41 3.06	0.290 0.132	0.75 0.60	5 040 4 760	27 27	0.908 0.914	0.58 0.57	659.0 715.2	1978 1961	1995 1998	SIGNALT PRODUCTION DECLINE
6.96	0.084	0.75	10 330	56	0.871	0.69	1 463.0	1966	1998	PARAMNT PANALTA CNRL
8.82 4.37	0.211 0.181	0.80 0.80	9 130 8 730	45 50	0.870 0.868	0.63 0.66	1 223.5 1 221.6	1956 1975	1998 1996	PANALTA PROGAS PRODUCTION DECLINE WASCANA CWNGNUL CDNFRST
3.88 3.21	0.190 0.232	0.55 0.60	5 160 6 430	31 20	0.911 0.876	0.58 0.57	774.2 791.5	1944 1944 1944	1987 1987 1987	PRODUCTION DECLINE PRODUCTION DECLINE CRESTAR CMG
5.68 2.58 5.98	0.190 0.173 0.111	0.70 0.70 0.80	6 680 8 100 8 260	34 38 33	0.892 0.878 0.868	0.59 0.60 0.62	900.8 988.3 996.8	1944 1944 1944	1998 1998 1979	CRESTAR CMG PRODUCTION DECLINE CRESTAR CMG MATERIAL BALANCE CRESTAR CMG MATERIAL BALANCE
1.39 0.80 4.32	0.166 0.180 0.179	0.55 0.55 0.60	4 310 7 080 9 620	17 39 49	0.916 0.892 0.876	0.56 0.60 0.61	921.9 1 312.4 1 329.4	1904 1904 1995 1995 1995	1994 1994 1997 1997 1998	PART OF MED HAT POOL NO.1 BEAU PANCDN PROGAS ASSIGNED WELL 11-18-22-23W4 PROGAS
21.67	0.099	0.90	45 370	140	1.103	0.72	4 746.8	1979	1994	AEL AMOCO HUSKY PAWTUCK MATERIAL BALANCE
3.52	0.141	0.60	3 350	31	0.939	0.62	970.3	1978	1997	CRESTAR PANCDN PANALTA PRODUCTION DECLINE
5.18	0.131	0.75	15 380	64	0.845	0.65	1 585.9	1973	1995	TCPL MATERIAL BALANCE
4.64 9.44 9.84	0.181 0.234 0.179	0.65 0.60 0.55	12 930 12 620 12 540	62 68 66	0.847 0.865 0.853	0.66 0.64 0.66 0.64	1 709.7 1 550.4 1 626.9	1967 1971 1970 1967	1997 1997 1990 1996	TCPL PCOG PRODUCTION DECLINE PCOG PCOG MATERIAL BALANCE PCOG PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED PCOG PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
6.79	0.120	0.65	13 100	64	0.856	0.64	1 731.4	1967	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BOLLOQUE 064-25W4 LOWER MANNVILLE A OTHER TOTAL-BOLLOQUE	1 067 4 454 5 521	0.75	0.05	760 2 895 3 655	694 2 134 2 828	66 761 827	38	2 487 28 700 31 187	2 123
BONANZA 081-12W6 GETHING B HALFWAY A KISKATINAW D ASSOC	872 473 676	0.75 0.85 0.85	0.10 0.15 0.10	589 342 518 ^b	269 311 321 ^b	320 31 197	38 39 38	12 112 1 196 7 466	1 093 1 225 200
KISKATINAW A KISKATINAW C KISKATINAW I OTHER TOTAL-BONANZA	706 1 700 352 4 556 9 335	0.85 0.85 0.90	0.10 0.10 0.05	540 1 301 301 2 718 6 309	499 1 145 5 670 3 220	41 156 296 2 048 3 089	38 38 38	1 556 5 911 11 236 77 031 116 508	200 400 200
BONDISS 065-15W4 TOTAL-BONDISS	212			140	100	40		1 480	
BONNIE GLEN 047-27W4 GLAUCONITIC A LOWER MANNVILLE F GLAUC A & L MANN F TOTAL	1 943	0.75 0.70 0.70	0.10 0.10 0.10	1 224	1 219	5	39 40 39	197	3 925 300
D-3 A SOLN D-3 A ASSOC	17 625 13 303	0.80 0.90	0.35 0.25	9 165 ^b 8 980 ^b			41 41		
OTHER TOTAL-BONNIE GLEN	1 123 33 994			733 20 102	404 12 167	329 7 935		13 078 323 852	
BONNYVILLE 060-05W4 GRAND RAPIDS C OTHER TOTAL-BONNYVILLE	652 805 1 457	0.75	0.05	465 485 950	458 344 802	7 141 148	37	261 5 283 5 544	1 729
BORDER 042-05W4 TOTAL-BORDER	57			43		43		1 527	
BORRADAILE 051-05W4 TOTAL-BORRADAILE	172			113	31	82		2 936	
BOTHA 098-05W6 DEBOLT A TOTAL-BOTHA	993 993	0.75	0.05	708 708	471 471	237 237	37	8 674 8 674	5 860
BOTTREL 027-05W5 CARDIUM A CARDIUM A CARDIUM A TOTAL OTHER TOTAL-BOTTREL	326 100 426 50 476	0.90 0.80 0.90	0.15 0.10 0.15	249 72 321 34 355			41 41 41		1 178 200
BOUCHER 079-04W6 DEBOLT A ELKTON A DEBOLT A & ELKTON A TOTAL OTHER TOTAL-BOUCHER	306 104 410 339 749	0.90 0.80 0.85	0.10 0.10 0.10	248 75 323 243 566		4 12 16	38 38 38	12 026 8 699 20 725	200 200
BOUNDARY LAKE SOUTH 084-12W6 TRIASSIC E ASSOC TRIASSIC E SOLN TRIASSIC E ASSOC TRIASSIC E ASSOC TRIASSIC E TOTAL TRIASSIC N ASSOC TRIASSIC N SOLN TRIASSIC N ASSOC TRIASSIC N TOTAL TRIASSIC D	191 1 234 95 29 1 549 624 1 171 741	0.75 0.47 0.75 0.80 0.55 0.75 0.65 0.75 0.70 0.85	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	129 ^b 522 ^b 64 ^b 21 ^b 736 ^b 365 ^b 734 ^b 567	595 ^b	141	40 40 40 40 39 39 39 39 40	5 586 13 362 673	473 191 100 360 199 124

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.73	0.226	0.70	5 350	30	0.904	0.59	868.9	1965	1997	CNRL TCPL PRODUCTION DECLINE
6.03	0.162	0.75	10 630	48	0.865	0.63	1 220.6	1989	1998	RIGEL UNPACF APACHE CNRL
2.49	0.122	0.75	14 520	54	0.745	0.83	1 482.8	1973	1998	RIGEL PANALTA
11.38	0.110	0.85	19 350	73	0.868	0.66	2 104.6	1990	1994	RIGEL QUEBEC PRODUCTION DECLINE TP/BS TVD. GPP
12.10	0.140	0.85	19 340	73	0.861	0.68	2 103.7	1991	1995	CNRL TALISMA PRODUCTION DECLINE
15.35	0.140	0.85	19 250	75	0.879	0.64	2 125.7	1989	1997	RIGEL QUEBEC MATERIAL BALANCE
7.00	0.150	0.85	20 940	69	0.882	0.60	2 208.7	1990	1994	
6.36	0.133	0.50	11 940	64	0.842	0.68	1 564.5	1954	1995	PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
5.35	0.132	0.65	11 440	49	0.804	0.69	1 594.7	1979	1995	PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
								1954	1995	TCPL RIGEL CNRL AMOCO CNFRST DIRECT IOL
						0.79		1952	1995	PANALTA PANCDN POCO QUEBEC PART OF GLAUC POOL NO.3
65.53	0.101	0.95	16 820	80	0.807	0.79	2 044.9	1952	1995	AEL PANCDN CHEVRON IOL CONC PROD. GAS CYC. DEEP CUT SL
										AEL PANCDN CHEVRON IOL CONC PROD. GAS CYC. DEEP CUT SL
1.57	0.285	0.75	2 430	29	0.957	0.57	316.1	1949	1997	ALTAGAS CNRL MATERIAL BALANCE
4.00	0.197	0.40	5 220	30	0.911	0.58	750.7	1975	1997	AMOCO NONCOMMERCIAL OIL
2.34	0.071	0.65	27 270	75	0.870	0.79	2 464.6	1970	1996	
2.40	0.100	0.85	27 570	82	0.899	0.72	2 469.5	1970	1996	CHEL
								1970	1996	
8.50	0.120	0.85	17 950	64	0.857	0.64	1 758.0	1994	1996	
9.00	0.040	0.80	18 290	64	0.857	0.64	1 780.0	1994	1998	AEL
								1994	1998	
1.68	0.165	0.90	14 650	49	0.799	0.66	1 321.2	1964	1994	GPP
						0.66		1964	1994	GPP
1.40	0.230	0.95	14 650	48	0.797	0.66	1 310.1	1964	1992	
2.00	0.130	0.80	12 550	49	0.802	0.66	1 341.0	1964	1990	ASSIGNED WELL 06-30-084-12W6M
								1964	1994	RIGEL BEAU CNRL IOL ENGAGE GPP
2.72	0.146	0.85	11 180	54	0.841	0.64	1 259.3	1967	1994	PRODUCTION DECLINE GPP
						0.64		1967	1994	PRODUCTION DECLINE GPP
1.54	0.131	0.75	11 180	54	0.841	0.64	1 272.0	1967	1994	PRODUCTION DECLINE
								1967	1998	RIGEL ENGAGE GPP
3.85	0.126	0.65	11 240	50	0.834	0.64	1 354.9	1968	1997	RIGEL CNRL TALISMA PANALTA PIONEER GARDNER PRODUCTION DECLINE SLUSH OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BOUNDARY LAKE SOUTH 084-12W6 (CONTINUED)									
TRIASSIC Q	780	0.80	0.10	562	253	309	39	11 937	1 756
TRIASSIC R	944	0.75	0.10	637	108	529	39	20 488	2 362
CHARLIE LAKE B	618	0.85	0.10	473	430	43	40	1 719	2 644
KISKATINAW A	435	0.85	0.05	352	327	25	38	955	1 062
KISKATINAW E	1 111	0.90	0.05	950	943	7	38	267	1 131
KISKATINAW H	1 169	0.95	0.10	1 000	926	74	39	2 881	200
KISKATINAW J	1 570	0.95	0.05	1 417	1 359	58	38	2 203	1 768
KISKATINAW N	889	0.90	0.05	760	282	478	38	18 016	1 048
KISKATINAW B		0.75	0.05				38		200
KISKATINAW G		0.80	0.05				38		200
KISKATINAW B & G TOTAL	521	0.80	0.05	396	396	< 1	38	-	
OTHER	5 891			3 540	1 455	2 085		80 027	
TOTAL-BOUNDARY LAKE SOUTH	17 389			12 124	8 018	4 106		158 114	
BOUVIER 070-24W4									
VABAMUN C	620	0.60	0.05	353	55	298	37	11 089	1 158
OTHER	703			424	215	209		7 883	
TOTAL-BOUVIER	1 323			777	270	507		18 972	
BOW ISLAND 011-11W4									
BOW ISLAND	2 667	0.75	0.05	1 900	1 842	58	36	2 068	37 342
OTHER	724			500	36	464		16 991	
TOTAL-BOW ISLAND	3 391			2 400	1 878	522		19 059	
BOYER 103-22W5									
BLUESKY B	902	0.50	0.05	428	307	121	37	4 505	13 328
BLUESKY A	23 994	0.50	0.05	11 397			37		162 057
GETHING A	316	0.50	0.05	150			38		4 764
GETHING M	48	0.70	0.05	32			37		1 348
BLUESKY A & GETHING A TOTAL	24 358	0.50	0.05	11 579	7 193	4 386	37	161 712	
OTHER	929			539	376	163		6 026	
TOTAL-BOYER	26 189			12 546	7 876	4 670		172 243	
BRANT 018-25W4									
BELLY RIVER D	745	0.55	0.05	390			36		3 295
BELLY RIVER F	43	0.70	0.05	29			36		250
BELLY RIVER D & F TOTAL	788	0.55	0.05	419	323	96	36	3 481	
OTHER	361			206	82	124		4 511	
TOTAL-BRANT	1 149			625	405	220		7 992	
BRAZEAU RIVER 045-13W5									
CARDIUM C SOLN	1 154	0.65	0.15	638	443	195	41	8 044	
CARDIUM K SOLN	923	0.65	0.10	540	363	177	41	7 294	
LOWER MANNVILLE D	1 491	0.80	0.10	1 074	224	850	41	34 944	3 159
LOWER MANNVILLE S	196	0.75	0.15	125			40		200
ROCK CREEK K	292	0.75	0.20	175			43		400
L MANN S & ROCK CK K TOTAL	488	0.75	0.20	300	8	292	42	12 133	
ROCK CREEK D	1 499	0.85	0.25	956	392	564	41	22 966	1 505
ROCK CREEK E	496	0.85	0.10	380	108	272	40	10 945	200
ROCK CREEK F	584	0.85	0.15	422	31	391	41	15 875	600
ROCK CREEK G	617	0.85	0.15	445	72	373	40	15 051	560
ELKTON - SHUNDA A		0.75	0.10				39		6 519
ELKTON - SHUNDA A		0.75	0.10				39		9 708
ELKTON - SHUNDA A		0.75	0.10				39		200
ELKTON - SHUNDA A		0.75	0.10				39		128
ELKTON-SHUNDA A TOTAL	13 037	0.75	0.10	8 800	8 098	702	39	27 350	
ELKTON - SHUNDA B		0.85	0.10				39		27 150
ELKTON - SHUNDA B		0.85	0.10				39		47 279
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		11 789
ELKTON - SHUNDA B		0.85	0.10				39		27 393
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.84	0.229	0.75	8 890	46	0.870	0.64	1 239.4	1983	1995	BLUERGE TCPL
4.59	0.193	0.75	7 570	109	0.937	0.64	1 292.8	1984	1995	ENGAGE BLUERGE TCPL
0.96	0.153	0.85	10 770	59	0.829	0.69	1 338.8	1983	1997	ENGAGE BLUERGE TCPL PRODUCTION DECLINE
3.63	0.113	0.75	16 220	61	0.851	0.62	1 882.2	1960	1998	RIGEL CNRL PRODUCTION DECLINE
4.19	0.144	0.80	16 180	65	0.865	0.60	1 892.6	1964	1996	RIGEL CNRL SUMMIT ENGAGE PRODUCTION DECLINE
5.79	0.170	0.80	15 810	67	0.831	0.68	1 859.5	1964	1995	RIGEL SUMMIT PRODUCTION DECLINE
5.20	0.128	0.75	16 300	68	0.870	0.61	1 911.2	1991	1997	RIGEL CNRL ENGAGE MATERIAL BALANCE
3.86	0.150	0.80	17 550	64	0.873	0.59	1 806.0	1994	1998	RIGEL CNRL PRODUCTION DECLINE
2.44	0.170	0.80	16 230	60	0.862	0.59	1 845.0	1958	1992	
5.79	0.140	0.80	16 350	58	0.849	0.61	1 859.3	1958	1992	
10.08	0.209	0.75	3 370	28	0.939	0.58	648.3	1977	1997	CNRL TCPL
1.26	0.189	0.50	5 330	27	0.911	0.59	645.5	1909	1997	PCOG PANALTA UNPACF NRTHSTR ENGAGE CRESTAR GARDNER PROGAS PCO CWNGNUL TCPL CNFRST PRODUCTION DECLINE
2.92	0.210	0.40	2 700	21	0.947	0.57	403.3	1974	1996	TCPL PANALTA
5.97	0.212	0.45	2 550	21	0.949	0.59	327.3	1974	1998	
2.40	0.225	0.45	2 630	17	0.946	0.57	379.5	1976	1994	
1.02	0.216	0.50	3 110	21	0.940	0.57	508.7	1977	1998	
								1974	1998	TCPL PANALTA IOL HUSKY AMOCO
2.69	0.206	0.60	3 120	35	0.951	0.57	907.1	1977	1998	PRODUCTION DECLINE
1.80	0.200	0.80	5 760	31	0.909	0.57	800.0	1997	1998	CRESTAR MARATHN PCOG PANALTA IOL
						0.71		1973	1998	AEL PCO TALISMA BLUERGE TCPL IOL DEEP CUT SL GPP
						0.71		1973	1998	AEL MOBIL GULF TALISMA TCPL GPP
3.58	0.124	0.40	33 870	95	0.985	0.69	2 988.0	1975	1997	TCPL AEL PCO TALISMA
4.80	0.120	0.80	25 720	97	0.929	0.68	3 016.0	1996	1998	
4.93	0.093	0.70	26 190	98	0.883	0.80	3 027.1	1996	1998	
								1996	1998	TCPL PCO GULF
4.70	0.125	0.70	28 140	95	0.898	0.84	3 128.8	1960	1998	PCO CONOCO CWNGNUL DEEP CUT SL
12.50	0.100	0.90	25 970	98	0.903	0.73	3 162.9	1989	1994	PCO CONOCO DEEP CUT SL
5.49	0.136	0.60	23 330	86	0.850	0.79	2 677.9	1994	1997	TALISMA TCPL TOP/BASE TVD
7.03	0.079	0.80	30 470	102	0.932	0.86	3 241.5	1995	1998	TCPL PCO TALISMA
5.56	0.096	0.85	25 890	107	0.944	0.68	2 933.9	1965	1985	MATERIAL BALANCE
3.81	0.079	0.85	26 430	108	0.951	0.67	2 927.9	1965	1986	MATERIAL BALANCE
2.62	0.050	0.80	26 580	99	0.943	0.67	2 905.5	1965	1965	MATERIAL BALANCE ASSIGNED WELL 10-02-045-12W5M
1.24	0.050	0.90	26 580	99	0.943	0.67	2 807.6	1965	1990	MATERIAL BALANCE ASSIGNED WELL 11-28-044-11W5M
								1965	1994	AEL PANALTA MOBIL GULF TCPL AMOCO
4.15	0.099	0.80	26 800	92	0.937	0.67	3 050.7	1959	1985	MATERIAL BALANCE
2.86	0.081	0.80	26 800	94	0.942	0.65	2 999.6	1959	1997	MATERIAL BALANCE
1.51	0.044	0.75	26 800	95	0.937	0.69	3 057.1	1959	1989	MATERIAL BALANCE
0.60	0.064	0.65	26 800	95	0.939	0.68	2 860.8	1959	1985	MATERIAL BALANCE
1.49	0.077	0.75	26 800	100	0.943	0.68	2 931.4	1959	1997	MATERIAL BALANCE
0.30	0.030	0.80	26 800	95	0.939	0.68	3 150.3	1959	1990	MATERIAL BALANCE ASSIGNED WELL 11-11-046-14W5M
1.20	0.050	0.75	29 110	92	0.954	0.68	3 044.4	1959	1990	MATERIAL BALANCE ASSIGNED WELL 10-20-045-13W5M

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BRAZEAU RIVER 045-13W5 (CONTINUED)									
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON - SHUNDA B		0.85	0.10				39		400
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON-SHUNDA B		0.85	0.10				39		2 076
ELKTON - SHUNDA B		0.85	0.10				39		273
ELKTON - SHUNDA B		0.85	0.10				39		200
ELKTON-SHUNDA B	169	0.75	0.15	108			39		1 761
ELKTON-SHUNDA B	111	0.75	0.15	71			39		400
ELKTON-SHUNDA B	30	0.75	0.15	20			39		200
ELKTON-SHUNDA B	32	0.75	0.15	20			39		200
ELKTON-SHUNDA B	10	0.70	0.15	6			39		64
ELKTON-SHUNDA B	3	0.75	0.15	2			39		32
ELKTON-SHUNDA B	135	0.75	0.15	86			41		526
ELKTON-SHUNDA B	49	0.75	0.15	31			39		200
ELKTON-SHUNDA B	43	0.75	0.15	27			40		573
ELKTON-SHUNDA B TOTAL	36 601	0.85	0.10	28 000	25 871	2 129	39	82 818	
NISKU A SOLN	943	0.81	0.35	497 ^b			41		
NISKU A ASSOC		0.85	0.10		442 ^b	55	41	2 253	
NISKU B SOLN	646	0.63	0.25	305 ^b			41		
NISKU B ASSOC		0.80	0.10		224 ^b	81	41	3 352	
NISKU E SOLN	1 024	0.84	0.35	559 ^b			41		
NISKU E ASSOC		0.85	0.10		434 ^b	125	41	5 174	
NISKU F	992	0.80	0.30	556	33	523	42	21 929	104
NISKU J	707	c	c	481	362	119	41 ^a	4 880	96
NISKU K	1 129	c	c	596	379	217	42	9 147	202
NISKU M	1 489	c	c	823	335	488	41 ^a	20 184	139
NISKU N	649	0.85	0.30	386	207	179	38	6 890	128
NISKU P	8 663	c	c	3 435	-1 270	4 705	40 ^a	188 200	3 471
NISKU S	1 665	c	c	756	322	434	41 ^a	17 959	251
NISKU W	1 895	c	c	1 200	483	717	41 ^a	29 490	215
NISKU Y	977	0.90	0.30	615	228	387	41	15 809	200
OTHER	16 040			9 049	2 583	6 466		259 754	
TOTAL-BRAZEAU RIVER	93 709			60 813	40 372	20 441		822 441	
BREWSTER (SA) 043-13W5									
TOTAL-BREWSTER	147			105		105		3 871	
BRIDGE 057-07W5									
TOTAL-BRIDGE	183			124	48	76		3 039	
BRIKER 046-03W4									
TOTAL-BRIKER	141			98	74	24		823	
BRINTNELL (SA) 081-23W4									
TOTAL-BRINTNELL	17			9		9		335	
BRONSON 057-17W5									
TOTAL-BRONSON	947			593	128	465		18 186	
BROOKS 018-14W4									
MILK RIVER A		0.70	0.05				37		3 498
MEDICINE HAT A		0.70	0.03				36		2 130
MEDICINE HAT C		0.50	0.03				36		1 487

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.80	0.059	0.70	28 930	95	0.956	0.68	3 184.2	1959	1990	MATERIAL BALANCE
4.00	0.060	0.65	28 460	94	0.951	0.68	3 140.8	1959	1990	MATERIAL BALANCE ASSIGNED WELL
0.90	0.080	0.75	23 200	86	0.903	0.68	2 669.0	1959	1990	10-01-046-14WSM
0.69	0.065	0.80	26 800	95	0.939	0.68	2 808.8	1959	1985	MATERIAL BALANCE ASSIGNED WELL
1.30	0.060	0.80	28 610	95	0.953	0.68	3 154.7	1959	1990	06-06-045-13WSM
1.95	0.078	0.75	26 800	95	0.937	0.68	3 062.5	1959	1985	MATERIAL BALANCE
1.58	0.067	0.85	29 950	104	0.973	0.68	3 280.5	1959	1997	MATERIAL BALANCE
1.30	0.065	0.75	22 800	85	0.899	0.68	2 636.4	1959	1990	MATERIAL BALANCE ASSIGNED WELL
0.66	0.083	0.85	25 330	101	0.936	0.67	3 120.6	1959	1998	05-33-047-12WSM
1.40	0.100	0.85	28 910	95	0.956	0.67	3 182.2	1959	1997	
1.10	0.070	0.85	28 260	94	0.949	0.67	3 122.0	1959	1997	ASSIGNED WELL 02/8-30-47-14WSM
1.00	0.080	0.85	28 400	94	0.950	0.67	3 135.0	1959	1997	ASSIGNED WELL 02/8-30-47-14WSM
1.20	0.100	0.80	19 480	94	0.899	0.67	3 114.2	1959	1997	ASSIGNED WELL 16-12-47-14WS
1.00	0.050	0.80	29 870	97	0.966	0.67	3 272.5	1959	1997	ASSIGNED WELL 02/14-7-47-14WS
1.84	0.077	0.85	25 560	101	0.912	0.72	2 978.6	1959	1998	
1.20	0.100	0.90	27 810	93	0.945	0.67	3 079.4	1959	1998	ASSIGNED WELL 6-28-46-14WS
0.51	0.085	0.80	25 600	90	0.917	0.68	3 066.1	1959	1998	
								1959	1997	AEL MOBIL GULF TALISMA GARDNER PROGAS PCOG
						0.75		1977	1988	TCPL IOL AMOCO PCOG
						0.75		1977	1988	CHEVRON PCOG LEAN GAS BREAKTHRU, GPP, DP
										CUT SL
						0.75		1977	1989	CHEVRON PCOG LEAN GAS BREAKTHRU, GPP, DP
						0.75		1977	1989	CUT SL
						0.75		1977	1989	CHEVRON DEEP CUT SL, GAS BREAKTHRU, GPP
						0.75		1978	1989	CHEVRON DEEP CUT SL, GAS BREAKTHRU, GPP
						0.75		1978	1988	POCO PCOG IOL AMOCO LEAN GAS BREAKTHRU, GPP
28.61	0.096	0.90	46 300	107	1.204	1.19	3 355.1	1978	1988	POCO PCOG IOL AMOCO LEAN GAS BREAKTHRU, GPP
21.80	0.124	0.90	38 390	108	1.048	1.21	3 361.5	1979	1984	PCOG IOL AMOCO TCPL MATERIAL BALANCE PREV
29.76	0.063	0.85	70 040	117	1.456	0.94	3 850.8	1978	1994	GAS CYCLING, BLOWDOWN
31.50	0.100	0.85	50 590	104	1.256	0.79	3 271.8	1979	1987	TALISMA TCPL PREV GAS CYCLING, BLOWDOWN
15.00	0.080	0.85	38 760	116	1.009	0.73	3 705.0	1980	1995	TALISMA AMOCO PCOG TCPL PREV GAS CYCLING, BLOWDOWN
16.08	0.067	0.85	32 760	99	0.838	1.20	3 116.2	1977	1992	CHEL PCOG PREV GAS CYCLING, BLOWDOWN
24.30	0.102	0.90	37 880	110	0.953	1.08	3 752.6	1979	1989	HUSKY MATERIAL BALANCE
18.34	0.104	0.90	37 050	113	0.942	1.06	3 718.1	1987	1990	TALISMA PCOG TCPL IOL AMOCO GAS CYCLING
24.80	0.070	0.85	55 410	116	1.224	0.91	3 669.7	1980	1994	TALISMA PROGAS TCPL AMOCO PREV GAS
										CYCLING, BLOWDOWN
										POCO TALISMA TCPL IOL PREV GAS CYCLING, BLOWDOWN, TP/BS TVD
										CONWEST PANALTA
4.58	0.154	0.55	3 140	16	0.935	0.57	369.7	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION
0.79	0.170	0.55	4 310	17	0.916	0.56	460.4	1904	1994	DECLINE
0.92	0.139	0.60	4 450	19	0.916	0.56	484.4	1973	1994	PART OF MED HAT POOL NO.1 PRODUCTION
										DECLINE
										PART OF MED HAT POOL NO.3 PRODUCTION
										DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY FRAC	SURFACE LOSS FRAC	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
BROOKS 018-14W4 (CONTINUED) MEDICINE HAT D		0.50	0.03				36		344
SE ALTA GAS SYS. (MU) TOTAL	741	0.70	0.05	479	433	46	37	1 698	
OTHER	13			6	2	4		156	
TOTAL-BROOKS	754			485	435	50		1 854	
BROWN CREEK 044-17W5 TURNER VALLEY A	402	0.85	0.05	325			38		890
TURNER VALLEY B	459	0.85	0.10	351			39		400
TURNER VALLEY A & B TOTAL	861	0.85	0.10	676		676	39	26 067	
OTHER	94			64		64		2 505	
TOTAL-BROWN CREEK	955			740		740		28 572	
BROWVALE 081-26W5 TOTAL-BROWVALE	37			25		25		942	
BROXBURN 009-21W4 TOTAL-BROXBURN	47			26	26				
BRUCE 047-16W4 BELLY RIVER J	947	0.85	0.05	765	631	134	37	4 950	4 835
U&M VIKING A		0.75	0.03				36		101 612
UPPER MANNVILLE Z		0.65	0.05				38		670
ELLERSLIE W		0.70	0.05				36		150
ELLERSLIE JUJ	20	0.75	0.05	14			36		150
ELLERSLIE KKK	38	0.70	0.05	26			36		150
ELLERSLIE LLL	18	0.75	0.05	13			36		150
ELLERSLIE MMM	53	0.70	0.05	35			36		150
VIKING & MANN MU#1 TOTAL	4 502	0.75	0.05	3 270	3 081	189	37	7 001	
UPPER MANNVILLE ZZZ	455	0.80	0.05	346	257	89	37	3 258	476
UPPER MANNVILLE A2A	567	0.75	0.05	404	328	76	37	2 791	656
OTHER	10 453			6 512	3 899	2 613		96 727	
TOTAL-BRUCE	16 924			11 297	8 196	3 101		114 727	
BUFFALO LAKE 039-21W4 TOTAL-BUFFALO LAKE	608			275	163	112		4 271	
BUICK 090-02W6 TOTAL-BUICK	170			113	77	36		1 329	
BURDETT 009-10W4 TOTAL-BURDETT	189			128	7	121		4 453	
BURMIS 007-02W5 RUNDLE A	3 295	0.90	0.35	1 928	5	1 923	38	72 536	400
TOTAL-BURMIS	3 295			1 928	5	1 923		72 536	
BURNT TIMBER 031-09W5 RUNDLE A	19 509	0.80	0.20	12 486			39		4 454
RUNDLE B	2 506	0.80	0.20	1 604			39		2 204
RUNDLE A & B TOTAL	22 015	0.80	0.20	14 090	10 990	3 100	39	120 745	
WABAMUN A	4 853	0.75	0.50	1 820	1 647	173	38	6 572	2 992
TOTAL-BURNT TIMBER	26 868			15 910	12 637	3 273		127 317	
BYEMOOR 034-19W4 TOTAL-BYEMOOR	282			179	76	103		3 860	
CACHE 058-12W4 VIKING A	1 529	0.40	0.05	581			37		32 584
COLONY YY	55	0.70	0.05	37			37		150
VIKING A & COLONY YY TOTAL	1 584	0.40	0.05	618	80	538	37	19 960	
COLONY G	510	0.80	0.05	388	361	27	37	1 010	1 266
COLONY P	411	0.80	0.05	313	132	181	37	6 706	1 081

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.59	0.139	0.60	4 450	19	0.916	0.56	497.8	1973 1904	1994 1994	PART OF MED HAT POOL NO.4 PRODUCTION DECLINE POCO PANALTA CWNGNUL TCPL
4.15 7.90	0.057 0.070	0.80 0.85	30 880 31 400	99 98	0.989 0.986	0.62 0.65	3 364.5 3 332.1	1960 1960 1960	1989 1996 1998	PROGAS GULF TALISMA
2.91 1.16	0.285 0.204	0.60 0.65	2 760 5 650	24 26	0.948 0.895	0.58 0.61	370.5 788.1	1970 1917	1997 1995	SIGNALT AEL PANCDN BEAU CNRL POCO TCPL PART OF BR POOL NO.2 PRODUCTION DECLINE PART OF VIK POOL NO.2 PRODUCTION DECLINE SLUSH OIL
2.43 6.40 1.00 1.50 1.00 2.00	0.258 0.240 0.220 0.270 0.210 0.250	0.75 0.45 0.75 0.75 0.70 0.85	6 070 5 680 7 970 7 930 7 950 7 990	34 33 38 38 38 38	0.896 0.906 0.881 0.881 0.881 0.881	0.59 0.60 0.60 0.60 0.60 0.60	873.4 826.9 1 010.8 1 004.0 1 008.3 1 016.0	1975 1976 1994 1994 1994 1994	1995 1995 1995 1997 1997 1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE PART OF VIK POOL NO.2 PRODUCTION DECLINE PART OF VIK POOL NO.2 PART OF VIK POOL NO.2 PART OF VIK POOL NO.2 PART OF VIK POOL NO.2 SIGNALT AEL PCOG PANCDN BEAU UNPACF POCO IOL PROGAS PANALTA TCPL AMOCO PART OF VIK POOL NO.2 SLUSH OIL
1.37 3.54	0.241 0.266	0.65 0.75	6 170 6 140	34 34	0.898 0.899	0.60 0.60	884.4 873.1	1977 1976	1996 1998	SIGNALT AEL TCPL ENGAGE MATERIAL BALANCE SIGNALT AEL POCO TCPL ENGAGE PRODUCTION DECLINE
42.55	0.073	0.85	37 580	88	0.949	0.76	3 515.0	1996	1998	
31.61 9.27 13.39	0.067 0.069 0.055	0.90 0.80 0.80	26 610 25 860 31 720	94 98 106	0.917 0.892 0.853	0.72 0.76 0.88	3 210.9 3 339.5 3 748.7	1959 1959 1976	1990 1988 1988 1997	TOP/BASE TVD TOP/BASE TVD TCPL MU REPORTING CLAUSE W/WABAMUN A TCPL PRODUCTION DECLINE TP/BS TVD, MU RPT CLAUSE W/ RUND A&B
0.83 6.00	0.245 0.260	0.55 0.70	4 000 3 190	21 15	0.922 0.934	0.58 0.57	443.3 475.0	1949 1978 1949	1997 1994 1997	PART OF VIK POOL NO.6 PART OF VIK POOL NO.6 UNPACF WASCANA CANOR CNRL AMOCO CDNFRST HUSKY SASKEN PANALTA POCO TCPL PART OF VIK POOL NO.6
5.62 4.86	0.299 0.286	0.75 0.75	3 050 3 520	22 21	0.941 0.933	0.57 0.56	497.6 498.3	1965 1977	1998 1996	UNPACF WASCANA CNRL TCPL SASKEN PRODUCTION DECLINE PANALTA TCPL SASKEN CNRL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CACHE 058-12W4 (CONTINUED)									
COLONY 00	421	0.82	0.05	328	325	3	37	112	1 020
COLONY B		0.75	0.05				35		1 530
COLONY C		0.70	0.05				35		1 221
COLONY S		0.70	0.05				38		200
COLONY B,C & S TOTAL	597	0.75	0.05	426	416	10	36	359	
COLONY BB		0.65	0.05				38		745
COLONY EE		0.70	0.05				38		1 262
COLONY HH		0.80	0.05				38		2 608
COLONY BB, EE & HH TOTAL	566	0.75	0.05	409	392	17	38	644	
COLONY DD		0.70	0.05				37		880
COLONY FF		0.75	0.05				37		777
COLONY DD & FF TOTAL	559	0.75	0.05	398	371	27	38	1 015	
COLONY E	329	0.80	0.05	250			38		2 744
COLONY RR	9	0.70	0.05	6			38		150
COLONY F	103	0.70	0.05	68			37		903
COLONY E,F & RR TOTAL	441	0.75	0.05	324	211	113	38	4 239	
CLEARWATER B	1 184	0.70	0.05	788	786	2	37	74	3 843
OTHER	4 888			3 237	2 291	946		35 400	
TOTAL-CACHE	11 161			7 229	5 365	1 864		69 519	
CADOTTE 086-19W5									
TOTAL-CADOTTE	1 176			762	566	196		7 313	
CALAIS 070-25W5									
TOTAL-CALAIS	188			91	73	18		701	
CALLING LAKE 071-18W4									
MCMURRAY A	219	0.55	0.05	114			37		3 075
D-2 A	645	0.60	0.05	368			37		2 192
MCMURRAY A & D-2 A TOTAL	864	0.60	0.05	482	324	158	37	5 800	
D-2 B	3 158	0.67	0.05	2 010	1 952	58	37	2 141	6 580
OTHER	1 974			1 157	589	568		20 923	
TOTAL-CALLING LAKE	5 996			3 649	2 865	784		28 864	
CALLING LAKE SOUTH 070-22W4									
TOTAL-CALLING LAKE SOUTH	455			254	114	140		5 223	
CALLING LAKE WEST 071-20W4									
UPPER MANNVILLE A		0.70	0.05				38		3 557
UPPER MANNVILLE C		0.50	0.05				38		1 573
LOWER MANNVILLE A		0.65	0.05				37		3 136
U MANN A,C & L MANN A TOTAL	1 217	0.70	0.05	818	694	124	38	4 656	
OTHER	1 120			651	376	275		10 230	
TOTAL-CALLING LAKE WEST	2 337			1 469	1 070	399		14 886	
CAMPBELL-NAMAO 054-24W4									
BLAIRMORE E SOLN	120	0.65	0.10	70b			38		
BLAIRMORE E ASSOC	847	0.90	0.10	686b	491b	265	38	10 181	704
BLAIRMORE F SOLN	162	0.65	0.15	89b			38		
BLAIRMORE F ASSOC	653	0.85	0.10	500b	346b	243	38	9 341	454
BLAIRMORE A ASSOC		0.80	0.10				38		163
BLAIRMORE A SOLN	117	0.65	0.10	68b			38		
BLAIRMORE A ASSOC		0.80	0.10				38		431
BLAIRMORE A ASSOC		0.80	0.10				39		49
BLAIRMORE A ASSOC		0.80	0.10				39		105
BLAIRMORE A ASSOC		0.80	0.10				39		80
BLAIRMORE A ASSOC		0.80	0.10				36		50
BLAIRMORE A ASSOC		0.80	0.10				36		79
BLAIRMORE A ASSOC		0.80	0.10				38		36
BLAIRMORE A ASSOC		0.80	0.10				38		34
BLAIRMORE A ASSOC		0.80	0.10				36		52
BLAIRMORE A ASSOC		0.80	0.10				38		64
BLAIRMORE A TOTAL	12	0.75	0.10	8b			38		
BLAIRMORE A TOTAL	1 312	0.80	0.10	928b	805b	123	38	4 664	
BLAIRMORE J ASSOC		0.65	0.10				38		396
BLAIRMORE J SOLN	48	0.65	0.25	23b			38		

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.04	0.330	0.75	3 530	22	0.933	0.56	474.5	1970	1994	WASCANA CNRL PANALTA SASKEN PRODUCTION DECLINE
1.30	0.277	0.70	3 790	20	0.929	0.59	484.1	1971	1994	PRODUCTION DECLINE
1.62	0.298	0.65	3 850	20	0.928	0.59	488.5	1971	1994	PRODUCTION DECLINE
1.82	0.250	0.60	3 910	20	0.923	0.56	489.8	1971	1994	PRODUCTION DECLINE
1.46	0.272	0.70	3 320	20	0.934	0.57	480.4	1971	1994	CNRL PANALTA TCPL
1.33	0.269	0.60	3 920	20	0.919	0.58	486.3	1973	1993	PRODUCTION DECLINE
1.66	0.292	0.65	3 800	20	0.922	0.58	481.3	1971	1993	PRODUCTION DECLINE
1.33	0.290	0.60	4 220	20	0.916	0.58	483.0	1958	1995	CNRL PANALTA TCPL SASKEN
1.72	0.294	0.75	3 920	25	0.924	0.56	477.0	1958	1995	PRODUCTION DECLINE
1.54	0.305	0.70	3 510	21	0.931	0.57	492.6	1973	1996	PRODUCTION DECLINE
1.50	0.230	0.50	3 520	24	0.933	0.57	509.6	1978	1986	CNRL SASKEN
1.75	0.272	0.65	3 570	22	0.932	0.56	484.2	1973	1986	UNPACF WASCANA CNRL PANALTA SASKEN
2.33	0.313	0.65	3 850	23	0.929	0.56	573.1	1973	1997	CNRL TCPL PANALTA SASKEN PRODUCTION DECLINE
2.39	0.201	0.60	2 420	19	0.953	0.57	461.4	1964	1996	
14.09	0.149	0.65	2 120	19	0.958	0.58	473.7	1964	1996	
9.34	0.115	0.70	2 430	20	0.953	0.57	466.0	1964	1996	TCPL RENENER AEL
										TCPL RENENER AEL MATERIAL BALANCE
2.75	0.314	0.55	2 880	24	0.945	0.57	425.5	1970	1998	PRODUCTION DECLINE
0.80	0.277	0.55	2 130	14	0.954	0.57	309.2	1970	1998	PRODUCTION DECLINE
3.41	0.271	0.55	2 950	23	0.944	0.58	482.3	1972	1998	PRODUCTION DECLINE
								1970	1998	RENENER PANALTA WASCANA AMOCO CNRL
9.11	0.192	0.80	8 380	46	0.869	0.65	1 103.9	1951	1996	GPP
						0.65		1951	1996	GPP
						0.65		1966	1994	CNWE PRODUCTION DECLINE CONCURRENT PRODUCTION
4.89	0.206	0.75	7 620	41	0.871	0.65	1 107.7	1966	1994	CNWE PRODUCTION DECLINE CONCURRENT PRODUCTION
1.61	0.185	0.60	8 200	42	0.852	0.66	1 116.7	1949	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.92	0.157	0.60	8 530	42	0.848	0.66	1 119.2	1949	1985	PRODUCTION DECLINE CONCURRENT PRODUCTION
2.86	0.200	0.50	8 020	42	0.830	0.70	1 128.2	1949	1986	PRODUCTION DECLINE
1.94	0.190	0.70	8 550	42	0.821	0.71	1 123.7	1949	1986	PRODUCTION DECLINE
2.06	0.203	0.55	8 020	42	0.830	0.70	1 125.3	1949	1986	PRODUCTION DECLINE
1.46	0.200	0.50	7 060	42	0.877	0.67	1 131.9	1949	1986	PRODUCTION DECLINE
1.09	0.200	0.50	8 370	42	0.859	0.67	1 132.4	1949	1986	PRODUCTION DECLINE
1.81	0.190	0.50	8 370	42	0.850	0.66	1 137.0	1949	1986	PRODUCTION DECLINE
1.76	0.190	0.50	8 370	43	0.852	0.66	1 137.1	1949	1986	PRODUCTION DECLINE
2.29	0.200	0.55	8 370	42	0.859	0.67	1 131.2	1949	1988	PRODUCTION DECLINE
1.80	0.200	0.60	8 620	42	0.867	0.64	1 136.8	1949	1998	ASSIGNED WELL 3-34-54-25W4
								1949	1994	CONCURRENT PRODUCTION
5.37	0.225	0.60	7 950	47	0.888	0.63	1 135.9	1976	1988	PRODUCTION DECLINE CONCURRENT PRODUCTION, TOP/BASE TVD
						0.63		1976	1988	PRODUCTION DECLINE CONCURRENT PRODUCTION, TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CAMPBELL-NAMAD 054-24W4 (CONTINUED) BLAIRMORE J ASSOC		0.65	0.10				38		64
BLAIRMORE J TOTAL	1 059	0.65	0.10	614 ^b	496 ^b	118	38	4 486	
OTHER	464			304	223	81		3 082	
TOTAL-CAMPBELL-NAMAD	4 617			3 191	2 361	830		31 754	
CANAL 070-23W4 WABAMUN B	445	0.85	0.05	359	174	185	37	6 834	1 571
OTHER	445			263	58	205		7 372	
TOTAL-CANAL	890			622	232	390		14 206	
CANARD 057-09W4 TOTAL-CANARD	1 958			1 211	717	494		18 421	
CAPRON 026-02W4 TOTAL-CAPRON	458			323	132	191		7 080	
CARBON 029-22W4 BELLY RIVER C	382	0.80	0.05	291			36		1 489
BELLY RIVER J	63	0.55	0.05	33			36		493
BELLY RIVER C & J TOTAL	445	0.75	0.05	324	180	144	36	5 204	
BELLY RIVER K		0.80	0.05				37		250
VIKING D		0.80	0.10				39		7 108
BELLY R K & VIKING D TOTAL	2 350	0.80	0.10	1 692	1 545	147	39	5 768	
GLAUCONITIC		0.80	0.10				39		5 078
GLAUCONITIC		0.80	0.10				39		5 778
GLAUCONITIC TOTAL	5 101	0.80	0.05	4 040	1 834	2 206	39	85 880	
GLAUCONITIC F	457	0.80	0.10	329	54	275	40	10 967	150
GLAUCONITIC J ASSOC		0.70	0.10				39		293
GLAUCONITIC J SOLN	54	0.65	0.24	27 ^b			39		
GLAUCONITIC J ASSOC		0.75	0.10				39		487
GLAUCONITIC J TOTAL	834	0.80	0.10	581 ^b	468 ^b	113	39	4 414	
ELLERSLIE A	653	0.75	0.10	441	430	11	39	433	64
ELLERSLIE C	765	0.85	0.10	585	37	548	40	21 805	1 012
OTHER	3 750			2 421	1 517	904		34 976	
TOTAL-CARBON	14 355			10 413	6 065	4 348		169 447	
CARDIFF 054-02W5 ELLERSLIE A	670	0.97	0.10	585	572	13	39	510	1 232
OTHER	477			319	2	317		12 212	
TOTAL-CARDIFF	1 147			904	574	330		12 722	
CARIBOU 062-10W5 TOTAL-CARIBOU	31			20	20				
CARIBOU LAKE (SA) 117-12W5 TOTAL-CARIBOU LAKE	36			18		18		664	
CARMANGAY 013-22W4 TOTAL-CARMANGAY	823			487	129	358		13 731	
CAROLINE 035-06W5 CARDIUM E SOLN	4 853	0.34	0.15	1 403 ^b			41		
CARDIUM E ASSOC	26	0.75	0.10	18 ^b	754 ^b	667	41	27 374	193
CARDIUM M	1 375	0.90	0.15	1 052			41		1 122
CARDIUM N	86	0.80	0.15	59			41		400
GLAUCONITIC L	199	0.75	0.10	134			41		150
CARD M,N & GLC L TOTAL	1 660	0.90	0.15	1 245	790	455	41	18 701	
VIKING A ASSOC	4 050	0.92	0.10	3 353 ^b			40		15 606
VIKING A SOLN	880	0.65	0.15	486 ^b			40		
1ST WHITE SPKS A&VIKA TOTAL	4 930	0.85	0.10	3 839 ^b	3 691 ^b	148	40	5 978	
GLAUCONITIC C		0.50	0.10				40		1 755
BASAL MANNVILLE K		0.50	0.10				41		2 515
BASAL MANNVILLE R		0.75	0.10				41		822

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.00	0.220	0.70	7 970	36	0.865	0.64	1 137.7	1976	1988	PRODUCTION DECLINE ASSIGNED WELL 05-12-054-25W4M
								1976	1994	CNWE CONCURRENT PRODUCTION
5.09	0.233	0.80	2 960	26	0.943	0.61	591.3	1972	1996	CANST CNRL TCPL CDNFRST
5.65	0.252	0.60	2 980	25	0.946	0.59	579.1	1973	1991	BEAU PANALTA CWNGNUL PART OF VIK POOL NO.3 PRODUCTION DECLINE PART OF VIK POOL NO.3 PRODUCTION DECLINE DUKE PIONEER BEAU UNPACF TALISMA CWNGNUL PANCDN PART OF VIK POOL NO.3 MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE PANCDN CWNGNUL CAN88 SLUSH OIL CWNGNUL SLUSH OIL NONCOMMERCIAL OIL PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE MARATHN CNRL CWNGNUL TCPL CONCURRENT PRODUCTION MARATHN PRODUCTION DECLINE CWNGNUL CNRL PANCDN PIONEER
2.94	0.223	0.60	3 240	29	0.945	0.59	750.2	1975	1991	
3.10	0.300	0.70	4 210	25	0.924	0.58	616.5	1973	1991	
2.02	0.148	0.65	8 040	46	0.853	0.66	1 301.2	1980	1996	
1.92	0.192	0.60	10 120	49	0.824	0.68	1 443.9	1959	1996	
5.14	0.192	0.65	10 170	50	0.829	0.68	1 451.5	1959	1997	
23.30	0.180	0.65	10 890	62	0.827	0.70	1 475.3	1955	1996	
4.27	0.223	0.75	10 060	52	0.831	0.68	1 412.0	1955	1994	
3.56	0.199	0.70	10 500	52	0.823	0.69	1 398.5	1988	1995	
9.80	0.210	0.85	10 360	54	0.825	0.69	1 468.9	1990	1995	
8.18	0.154	0.55	10 310	53	0.824	0.69	1 436.9	1961	1995	
1.71	0.185	0.70	10 410	46	0.814	0.68	1 321.3	1977	1997	AEL PCOG PANCDN BEAU UNPACF IOL MATERIAL BALANCE
						0.70		1974	1996	PCOG MOBIL POCO PANALTA DIRECT TCPL AMOCO GPP
0.83	0.100	0.70	25 420	81	0.880	0.70	2 413.7	1974	1996	PCOG MOBIL POCO PANALTA DIRECT TCPL AMOCO GPP
5.96	0.108	0.75	26 890	78	0.858	0.85	2 494.6	1987	1995	TOP/BASE TVD
1.90	0.056	0.80	27 250	77	0.875	0.76	2 485.0	1988	1995	TOP/BASE TVD
10.40	0.070	0.80	26 870	95	0.912	0.72	3 183.8	1987	1998	TOP/BASE TVD
1.96	0.113	0.70	17 230	81	0.827	0.73	2 395.9	1987	1998	POCO PANALTA CGGS CHEL CANST
						0.73		1957	1997	CONCURRENT PRODUCTION
								1957	1997	CONCURRENT PRODUCTION
								1957	1997	AEL POCO PCOG RIGEL MOBIL GULF CHEL ALTROAN TCPL SHELL PANALTA DIRECT APACHE
2.25	0.116	0.75	24 450	89	0.910	0.65	2 872.2	1981	1994	AMOCO PROGAS CONCURRENT PRODUCTION
1.55	0.108	0.75	28 480	92	0.925	0.70	3 007.9	1980	1994	PRODUCTION DECLINE
1.43	0.087	0.75	28 480	92	0.928	0.68	2 994.3	1980	1994	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CAROLINE 035-06W5 (CONTINUED)									
BASAL MANNVILLE GG		0.50	0.10				40		5 714
BASAL MANNVILLE QQ		0.50	0.10				41		2 142
BASAL MANNVILLE RR		0.50	0.10				40		961
BASAL MANNVILLE KKK		0.50	0.10				41		150
BASAL MANNVILLE LLL		0.50	0.10				41		150
BASAL MANNVILLE MMM		0.50	0.10				41		150
BASAL MANNVILLE M2M		0.50	0.10				41		150
BASAL MANNVILLE N2N		0.50	0.10				41		150
BASAL MANNVILLE Q20		0.50	0.10				41		150
BASAL MANNVILLE P2P		0.50	0.10				41		150
BASAL MANNVILLE Q20		0.50	0.10				41		150
BASAL MANNVILLE R2R		0.50	0.10				40		150
BASAL MANNVILLE B2B		0.50	0.15				41		150
BASAL MANNVILLE S2S		0.50	0.10				40		591
BASAL MANNVILLE G3G		0.50	0.10				41		566
GLAUC & BSL MANN MU 1 TOTAL	1 804	0.50	0.10	812	699	113	40	4 527	
GLAUCONITIC M	275	0.75	0.10	185			40		486
BASAL MANNVILLE A4A	51	0.75	0.15	32			40		266
BASAL MANNVILLE B4B	50	0.75	0.15	32			40		353
BASAL MANNVILLE C4C	11	0.80	0.15	8			40		150
BASAL MANNVILLE H4H	30	0.80	0.10	22			40		150
BASAL MANNVILLE I4I	36	0.75	0.10	24			40		150
BASAL MANNVILLE J4J	45	0.75	0.10	31			40		150
GLAUC & BSL MANN MU#3 TOTAL	498	0.75	0.10	334	39	295	40	11 773	
BASAL MANNVILLE B	622	0.90	0.15	476	453	23	42	976	150
BASAL MANNVILLE G	559	0.85	0.15	404	391	13	42	552	150
BASAL MANNVILLE A		0.60	0.10				40		6 113
BASAL MANNVILLE L		0.60	0.10				40		2 363
BASAL MANNVILLE OO		0.60	0.10				41		1 621
BASAL MANNVILLE PP		0.60	0.10				41		300
BASAL MANNVILLE SS		0.60	0.10				40		656
BASAL MANNVILLE ZZ		0.60	0.10				41		150
BASAL MANNVILLE DDD		0.60	0.10				41		128
BASAL MANNVILLE JJJ		0.60	0.10				41		150
BASAL MANNVILLE YYY		0.60	0.10				41		300
BASAL MANNVILLE TTT ASSOC		0.60	0.15				42		150
BASAL MANNVILLE J2J		0.60	0.10				40		842
BASAL MANNVILLE T2T		0.60	0.15				42		1 082
BASAL MANNVILLE U2U		0.60	0.10				41		150
BASAL MANNVILLE V2V		0.60	0.10				40		150
BASAL MANNVILLE W2W		0.60	0.10				41		150
BASAL MANNVILLE C3C		0.60	0.10				40		128
GLAUCONITIC I		0.60	0.10				41		128
BASAL MANNVILLE B3B		0.60	0.10				40		128
BASAL MANNVILLE W3W		0.60	0.15				41		150
BASAL MANNVILLE X3X		0.60	0.15				41		150
BASAL MANNVILLE MU #3 TOTAL	2 800	0.60	0.10	1 495b	1 308b	187	41	7 585	
BASAL MANNVILLE K2K	201	0.80	0.10	145			40		300
BASAL MANNVILLE L2L	162	0.80	0.10	117			40		823
BASAL MANNVILLE X2X	133	0.80	0.10	95			41		300
BASAL MANNVILLE MU #5 TOTAL	496	0.80	0.10	357	146	211	40	8 486	
OSTRACOD A		0.50	0.10				39		821
GLAUCONITIC F		0.50	0.10				40		1 064
BASAL MANNVILLE O		0.50	0.10				40		300
BASAL MANNVILLE Y		0.50	0.10				40		8 689
BASAL MANNVILLE EE		0.50	0.10				39		970
BASAL MANNVILLE FF		0.50	0.10				39		150
BASAL MANNVILLE HH		0.50	0.10				40		999
BASAL MANNVILLE II		0.50	0.10				40		565
BASAL MANNVILLE JJ		0.50	0.10				40		150
BASAL MANNVILLE KK		0.50	0.10				40		300
BASAL MANNVILLE LL		0.50	0.10				40		150
BASAL MANNVILLE GGG		0.50	0.10				39		150
BASAL MANNVILLE HHH		0.50	0.10				39		432
BASAL MANNVILLE III		0.50	0.10				39		300
BASAL MANNVILLE Y2Y		0.50	0.10				40		200
BASAL MANNVILLE H3H		0.50	0.10				40		128
BASAL MANNVILLE I3I		0.50	0.10				40		128
BASAL MANN & OST MU TOTAL	3 520	0.50	0.10	1 584	1 322	262	40	10 553	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.29	0.096	0.60	24 210	93	0.882	0.74	2 938.9	1969	1994	PRODUCTION DECLINE
1.19	0.103	0.80	26 100	91	0.904	0.69	2 990.0	1981	1994	PRODUCTION DECLINE
0.85	0.084	0.70	23 640	96	0.901	0.68	2 953.1	1981	1994	PRODUCTION DECLINE
0.80	0.130	0.85	26 720	91	0.909	0.69	2 956.5	1984	1994	PRODUCTION DECLINE
1.70	0.100	0.75	26 520	91	0.908	0.69	2 940.7	1984	1994	PRODUCTION DECLINE
1.60	0.160	0.85	25 370	89	0.896	0.69	2 845.9	1982	1994	PRODUCTION DECLINE
1.80	0.100	0.80	27 640	93	0.920	0.69	3 063.9	1983	1994	PRODUCTION DECLINE
3.20	0.110	0.80	27 890	93	0.922	0.69	3 086.9	1983	1994	PRODUCTION DECLINE
1.00	0.100	0.80	26 060	90	0.903	0.69	2 903.0	1981	1994	PRODUCTION DECLINE
2.00	0.100	0.75	26 300	90	0.905	0.69	2 922.6	1981	1994	PRODUCTION DECLINE
1.00	0.100	0.85	26 410	90	0.905	0.69	2 931.0	1981	1994	PRODUCTION DECLINE
2.00	0.120	0.90	27 230	92	0.919	0.69	2 998.5	1984	1994	PRODUCTION DECLINE
2.00	0.100	0.80	25 270	89	0.865	0.79	2 838.0	1982	1994	PRODUCTION DECLINE
0.90	0.114	0.80	26 100	88	0.909	0.68	2 832.7	1961	1994	PRODUCTION DECLINE
0.89	0.110	0.80	28 600	80	0.905	0.72	2 812.6	1982	1994	PRODUCTION DECLINE
								1961	1994	RENENER PROGAS AEL PCOG PANALTA CGGS TCPL AMOCO DIRECT GULF
2.81	0.116	0.75	26 260	81	0.912	0.65	2 731.9	1986	1993	
1.04	0.110	0.75	24 350	87	0.863	0.78	2 763.1	1986	1996	
0.85	0.099	0.75	24 280	87	0.862	0.78	2 757.0	1986	1993	
0.50	0.090	0.60	31 000	88	0.933	0.78	2 779.0	1988	1996	
1.00	0.100	0.90	26 350	89	0.923	0.65	2 714.5	1986	1994	
1.50	0.090	0.80	26 350	89	0.923	0.65	2 729.2	1986	1994	
1.00	0.150	0.90	26 350	89	0.923	0.65	2 745.5	1986	1994	
								1986	1993	PANALTA AMOCO
6.85	0.070	0.75	29 400	85	0.908	0.77	2 890.7	1958	1989	AMOCO TCPL PRODUCTION DECLINE
26.10	0.110	0.80	20 330	92	0.845	0.77	2 958.8	1981	1995	CHEL AMOCO PRODUCTION DECLINE
1.92	0.116	0.80	26 730	87	0.901	0.72	2 694.7	1957	1994	PRODUCTION DECLINE
0.90	0.126	0.85	26 370	88	0.903	0.70	2 650.2	1964	1994	PRODUCTION DECLINE
1.57	0.118	0.80	27 850	87	0.905	0.73	2 815.6	1960	1994	PRODUCTION DECLINE
1.15	0.110	0.80	30 530	91	0.938	0.73	2 766.6	1981	1994	PRODUCTION DECLINE
0.90	0.139	0.85	27 450	84	0.916	0.68	2 650.8	1980	1994	PRODUCTION DECLINE
0.80	0.090	0.80	29 330	89	0.922	0.73	2 774.0	1981	1994	PRODUCTION DECLINE
1.80	0.100	0.75	28 000	92	0.905	0.76	2 837.4	1981	1994	PRODUCTION DECLINE
1.00	0.100	0.80	29 330	89	0.922	0.73	2 792.3	1981	1994	PRODUCTION DECLINE
1.43	0.120	0.80	23 450	86	0.858	0.75	2 690.4	1973	1994	PRODUCTION DECLINE
0.90	0.130	0.75	23 510	86	0.848	0.76	2 694.3	1957	1994	PRODUCTION DECLINE GPP
0.66	0.106	0.85	26 010	87	0.899	0.70	2 639.4	1980	1994	PRODUCTION DECLINE
1.42	0.116	0.85	23 840	80	0.849	0.75	2 674.3	1982	1994	PRODUCTION DECLINE
0.80	0.110	0.85	23 140	85	0.857	0.74	2 664.1	1982	1994	PRODUCTION DECLINE
0.60	0.110	0.80	25 030	88	0.895	0.69	2 817.6	1960	1994	PRODUCTION DECLINE
0.73	0.110	0.80	29 330	88	0.917	0.74	2 776.8	1981	1994	PRODUCTION DECLINE
0.85	0.114	0.80	22 660	85	0.856	0.74	2 638.8	1963	1994	PRODUCTION DECLINE
4.00	0.120	0.85	22 290	84	0.861	0.71	2 594.5	1984	1994	PRODUCTION DECLINE
1.00	0.090	0.70	23 190	86	0.876	0.70	2 668.3	1987	1994	PRODUCTION DECLINE
0.90	0.090	0.75	22 670	85	0.854	0.73	2 625.6	1983	1994	PRODUCTION DECLINE
1.20	0.110	0.80	22 840	85	0.855	0.73	2 639.4	1983	1994	PRODUCTION DECLINE
								1957	1994	AEL RIGEL UNPACF GULF CHEL ALTROAN AMOCO TCPL PANALTA APACHE PROGAS GPP
2.50	0.109	0.85	38 770	94	1.039	0.73	3 116.0	1983	1986	
0.92	0.104	0.75	36 680	100	1.022	0.69	3 147.4	1970	1990	
1.50	0.129	0.80	38 770	98	1.041	0.70	3 179.6	1985	1996	
								1970	1996	PANALTA BEAU CGGS
2.51	0.094	0.80	22 800	93	0.896	0.68	2 892.6	1980	1994	PRODUCTION DECLINE
1.70	0.092	0.85	25 710	90	0.917	0.64	2 768.3	1982	1994	PRODUCTION DECLINE
1.00	0.125	0.90	25 770	91	0.888	0.75	2 869.2	1980	1994	PRODUCTION DECLINE
4.05	0.105	0.75	23 660	90	0.889	0.69	2 856.4	1978	1994	PRODUCTION DECLINE
1.58	0.094	0.75	22 600	92	0.886	0.70	2 915.2	1980	1994	PRODUCTION DECLINE
4.00	0.140	0.85	26 550	91	0.913	0.70	2 943.0	1980	1994	PRODUCTION DECLINE
1.20	0.095	0.75	22 470	94	0.874	0.73	2 946.9	1979	1994	PRODUCTION DECLINE
1.44	0.092	0.80	26 000	90	0.899	0.72	2 894.8	1981	1994	PRODUCTION DECLINE
1.40	0.075	0.65	26 470	90	0.899	0.73	2 936.5	1979	1994	PRODUCTION DECLINE
1.15	0.095	0.80	26 090	90	0.902	0.71	2 904.2	1981	1994	PRODUCTION DECLINE
1.22	0.080	0.80	27 020	91	0.917	0.69	2 980.8	1980	1994	PRODUCTION DECLINE
4.20	0.100	0.60	25 520	89	0.910	0.68	2 858.2	1979	1994	PRODUCTION DECLINE
1.17	0.103	0.85	23 000	89	0.893	0.68	2 800.6	1980	1994	PRODUCTION DECLINE
1.35	0.096	0.85	23 000	89	0.893	0.68	2 806.6	1980	1994	PRODUCTION DECLINE
1.20	0.080	0.65	25 650	89	0.897	0.71	2 869.2	1984	1994	PRODUCTION DECLINE
2.00	0.100	0.65	25 470	89	0.903	0.69	2 854.3	1984	1994	PRODUCTION DECLINE
1.30	0.110	0.65	25 530	89	0.903	0.69	2 859.2	1984	1994	PRODUCTION DECLINE
								1978	1994	AEL PCOG ALTROAN PROGAS AMOCO DIRECT GULF

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CAROLINE 035-06W5 (CONTINUED)									
RUNDLE A ASSOC		0.75	0.15				40		492
RUNDLE A SOLN	4 796	0.49	0.38	1 457b			40		
RUNDLE A ASSOC		0.75	0.15				40		278
RUNDLE A ASSOC		0.75	0.15				40		45
RUNDLE A ASSOC		0.75	0.15				41		200
RUNDLE A TOTAL	5 577	0.55	0.35	1 955b	1 729b	226	40	9 060	
ELKTON A	1 300	0.85	0.15	939	834	105	40	4 211	400
ELKTON I	629	0.85	0.15	455	362	93	40	3 701	359
ELKTON P	678	0.90	0.15	519	122	397	40	15 920	200
ELKTON R	447	0.85	0.15	323	49	274	39	10 804	150
ELKTON S	885	0.85	0.15	639	461	178	41	7 280	355
LED 16-034-07 BEAVERHILL LAKE A	958 64 707	0.85 c	0.10 c	733 16 360		733 10 354	39 37a	28 411 378 025	200 13 355
SW HL 36-034-06	1 571	0.85	0.60	534		534	43	22 877	400
OTHER	14 488			5 673	2 263	3 410		138 466	
TOTAL-CAROLINE	113 008			40 097	21 419	18 678		715 260	
CARROT CREEK 052-12W5									
LOWER MANNVILLE G	1 169	0.85	0.15	845			41		1 580
LOWER MANNVILLE L	224	0.75	0.20	134			41		511
LOWER MANNVILLE O	115	0.75	0.15	73			41		300
LOWER MANNVILLE G,L&O TOTAL	1 508	0.85	0.15	1 052	347	705	41	28 679	
LOWER MANNVILLE Q		0.75	0.15				40		128
JURASSIC T		0.75	0.05				39		200
JURASSIC T		0.80	0.10				41		662
L MANN Q & JUR T TOTAL	841	0.80	0.10	583	441	142	41	5 801	
JURASSIC V ASSOC	46	0.70	0.10	29b			40		218
JURASSIC V SOLN	1 077	0.65	0.15	595b			40		
JURASSIC W ASSOC	34	0.70	0.10	22b			40		170
LMAN M, JUR O,P,V&W TOTAL	1 157	0.65	0.15	646b	305b	341	40	13 718	
OTHER	5 479			2 897	1 267	1 630		65 232	
TOTAL-CARROT CREEK	8 985			5 178	2 360	2 818		113 430	
CARSON CREEK 061-12W5									
BEAVERHILL LAKE B	10 941	c	c	8 030	7 439	591	42a	24 615	8 652
OTHER	369			225	97	128		4 981	
TOTAL-CARSON CREEK	11 310			8 255	7 536	719		29 596	
CARSON CREEK NORTH 062-12W5									
BEAVERHILL LAKE A ASSOC	584	0.65	0.15	323b			42		1 155
BEAVERHILL LAKE A SOLN	16 495	0.46	0.15	6 450b			42		
BEAVERHILL LAKE B ASSOC	149	0.65	0.15	82b			42		286
BEAVERHILL LAKE A&B TOTAL	17 228	0.45	0.15	6 855b	5 928b	927	42	38 665	
OTHER	1 193			822	308	514		19 813	
TOTAL-CARSON CREEK NORTH	18 421			7 677	6 236	1 441		58 478	
CARSTAIRS 030-02W5									
ELKTON A	29 728	0.93	0.15	23 500	23 006	494	40	19 898	6 316
ELKTON C	629	0.85	0.15	455	192	263	40	10 623	200
OTHER	382			240	88	152		5 998	
TOTAL-CARSTAIRS	30 739			24 195	23 286	909		36 519	
CARVEL 053-02W5									
TOTAL-CARVEL	610			421	162	259		9 444	
CASLAN 065-17W4									
GRAND RAPIDS A	150	0.65	0.05	93			38		1 743
GRAND RAPIDS B	40	0.65	0.05	25			37		710
NISKU A	666	0.75	0.05	475			37		2 071
GRD RP A,B & NISKU A TOTAL	856	0.75	0.05	593	386	207	37	7 702	
OTHER	453			281	136	145		5 413	
TOTAL-CASLAN	1 309			874	522	352		13 115	
CAVALIER 024-23W4									
GLAUCONITIC Q	545	0.85	0.10	417	154	263	39	10 357	150
OTHER	3 255			1 748	674	1 074		40 243	
TOTAL-CAVALIER	3 800			2 165	828	1 337		50 600	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.87	0.099	0.75	24 940	80	0.895	0.68	2 733.6	1955	1990	PRODUCTION DECLINE DRY GAS BREAKTHRU GPP
3.23	0.105	0.85	24 940	86	0.904	0.68	2 675.1	1955	1996	PRODUCTION DECLINE DRY GAS BREAKTHRU GPP
1.24	0.100	0.85	24 440	87	0.902	0.68	2 770.2	1955	1989	PRODUCTION DECLINE
1.80	0.100	0.85	22 850	85	0.864	0.73	2 640.6	1955	1996	PRODUCTION DECLINE
9.34	0.132	0.85	23 740	93	0.886	0.77	2 834.7	1959	1997	GARDNER AEL POCO RIGEL MOBIL PANALTA TCPL
5.35	0.115	0.80	25 250	89	0.887	0.78	2 862.6	1981	1995	AMOCO APACHE PROGAS DRY GAS BREAKTHRU GPP
12.15	0.140	0.90	25 500	88	0.907	0.70	2 734.4	1990	1994	CANST ALTROAN AMOCO MATERIAL BALANCE
16.75	0.100	0.80	24 190	88	0.858	0.82	2 704.9	1988	1995	ALTROAN AMOCO PRODUCTION DECLINE
7.15	0.116	0.80	23 720	91	0.874	0.77	2 858.7	1996	1998	TCPL APACHE
25.20	0.080	0.90	37 230	110	1.047	0.62	3 961.2	1990	1995	TCPL
18.17	0.101	0.90	36 650	102	0.849	1.17	3 721.4	1986	1994	PROGAS PANALTA GULF PRODUCTION DECLINE
22.70	0.060	0.90	36 830	109	0.856	1.17	3 895.4	1989	1991	TOP/BASE TVD
5.52	0.119	0.65	17 660	81	0.819	0.75	2 121.9	1976	1993	TOP/BASE TVD
2.86	0.106	0.75	17 900	76	0.755	0.85	2 180.6	1976	1996	PANALTA UNPACF GULF ALTROAN PROGAS CONFRST
2.40	0.139	0.65	17 520	76	0.809	0.75	2 150.4	1979	1996	TCPL HUSKY SHELL AMOCO
9.97	0.130	0.75	16 910	62	0.763	0.79	2 060.1	1979	1998	CONWEST SHELL CHEL TOP/BASE TVD
3.25	0.090	0.65	16 070	74	0.871	0.62	2 087.3	1980	1998	
3.88	0.113	0.60	23 100	75	0.835	0.74	2 096.6	1979	1998	TCPL AMOCO
1.92	0.110	0.60	17 200	78	0.833	0.71	2 140.8	1976	1994	PRODUCTION DECLINE
1.79	0.106	0.65	17 100	80	0.837	0.71	2 154.8	1976	1994	PRODUCTION DECLINE
7.92	0.077	0.80	26 130	93	0.858	0.92	2 619.1	1957	1988	PRODUCTION DECLINE
3.13	0.089	0.85	22 940	85	0.854	0.75	2 645.4	1958	1997	PROGAS CANOXY
3.00	0.100	0.75	25 920	88	0.884	0.74	2 657.6	1958	1992	SOLN MU-L MN M, JUR O.P.V&W, GPP
18.65	0.085	0.75	22 820	80	0.853	0.78	2 466.4	1958	1989	SOLN MU-L MN M, JUR O.P.V&W, GPP
18.18	0.120	0.85	17 190	74	0.831	0.73	2 401.7	1986	1994	MOBIL MU-L MN M, JUR O.P.V&W, GPP
1.63	0.302	0.55	3 060	19	0.936	0.57	439.3	1980	1990	CANOXY TCPL PROGAS GPP
1.05	0.299	0.50	3 460	20	0.934	0.56	483.2	1980	1998	
9.04	0.171	0.65	3 150	24	0.942	0.58	587.0	1976	1998	
6.20	0.180	0.85	11 520	55	0.823	0.68	1 507.4	1996	1998	RENENER CNRL PANALTA
										PANCDN PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CECIL 084-08W6									
CHARLIE LAKE A SOLN	688	0.65	0.20	358 ^b			38		
CHARLIE LAKE A ASSOC	40	0.70	0.05	27 ^b	351 ^b	34	38	1 280	100
KISKATINAW D	604	0.80	0.10	435	44	391	38	14 936	200
KISKATINAW E	523	0.85	0.10	401	46	355	38	13 561	200
OTHER	3 288			2 149	299	1 850		70 724	
TOTAL-CECIL	5 143			3 370	740	2 630		100 501	
CECILIA 057-22W5									
PEACE RIVER A	353	0.85	0.10	270			40		847
GETHING A	176	0.80	0.10	127			42		200
GETHING B	309	0.85	0.05	250			39		705
GETHING C	62	0.75	0.10	42			40		150
GETHING D	65	0.75	0.10	44			40		150
CADOMIN A	426	0.85	0.20	290			38		874
PR A,GETH ABCD&CAD A TOTAL	1 391	0.85	0.10	1 023	301	722	39	28 512	
PEACE RIVER C	33	0.70	0.10	21			40		400
GETHING E	350	0.90	0.10	284			40		150
PR C & GETH E TOTAL	383	0.90	0.10	305	10	295	40	11 723	
GETHING F	88	0.75	0.20	53			38		300
GETHING G	81	0.75	0.10	55			40		150
CADOMIN B	421	0.75	0.05	300			40		942
GETH F,G & CAD B TOTAL	590	0.75	0.10	408	20	388	39	15 283	
NISKU A	1 583	0.35	0.35	360	356	4	37	149	606
OTHER	768			549	44	505		19 686	
TOTAL-CECILIA	4 715			2 645	731	1 914		75 353	
CENTRON 023-26W4									
TOTAL-CENTRON	101			68		68		2 720	
CEREAL 027-07W4									
TOTAL-CEREAL	348			229	17	212		7 956	
CESSFORD 025-13W4									
MILK RIVER A	4 180	0.70	0.05	2 780			36		83 859
MEDICINE HAT A	10 677	0.70	0.03	7 250			36		128 237
MEDICINE HAT C	456	0.50	0.03	221			36		15 830
MEDICINE HAT D	1 124	0.50	0.03	545			36		35 606
SECOND WHITE SPECKS A	576	0.75	0.05	410			36		8 868
SE ALTA GAS SYS(MU) TOTAL	17 013	0.70	0.05	11 206	4 486	6 720	36	245 078	
VIKING D		0.75	0.03				37		200
VIKING H		0.75	0.03				38		1 470
VIKING D & H TOTAL	1 035	0.75	0.05	753	646	107	37	4 008	
BASAL COLORADO A ASSOC		0.91	0.04				38		27 451
BASAL COLORADO A SOLN	544	0.44	0.20	191 ^b			38		
BASAL COLORADO A ASSOC		0.91	0.04				38		524
BASAL COLORADO A ASSOC		0.91	0.04				38		189
BASAL COLORADO A TOTAL	20 501	0.90	0.05	17 626 ^b	17 580 ^b	46	38	1 765	
BASAL COLORADO D	948	0.80	0.10	682	682	< 1	38	-	3 549
BASAL COLORADO E		0.85	0.10				38		3 955
MANNVILLE N		0.85	0.04				38		440
MANNVILLE O		0.75	0.10				38		200
BSL COLO E & MANN N&O TOTAL	2 100	0.85	0.10	1 624	1 588	36	38	1 371	
MANNVILLE C ASSOC	1 012	0.85	0.05	817 ^b			38		830
MANNVILLE C SOLN	1 280	0.65	0.25	624 ^b			38		
MANNVILLE C ASSOC	711	0.85	0.05	574 ^b			38		1 281
MANNVILLE C ASSOC	502	0.85	0.05	406 ^b			38		1 753
MANNVILLE C ASSOC	19	0.75	0.05	13 ^b			38		77
MANNVILLE C ASSOC	2	0.75	0.05	2 ^b			38		32
MANNVILLE C ASSOC	1	0.75	0.05	1 ^b			38		17
MANNVILLE C ASSOC	11	0.75	0.05	8 ^b			38		73
MANNVILLE C ASSOC	11	0.75	0.05	8 ^b			38		44
MANNVILLE C ASSOC	42	0.75	0.05	30 ^b			38		150
MANNVILLE C ASSOC	11	0.75	0.05	8 ^b			38		75
MANNVILLE C ASSOC	7	0.75	0.05	5 ^b			38		75
MANNVILLE C ASSOC	7	0.75	0.05	5 ^b			38		32
MANNVILLE C ASSOC	1	0.75	0.05	1 ^b			38		6
MANNVILLE C ASSOC	8	0.75	0.05	6 ^b			38		35
MANNVILLE C ASSOC	1	0.75	0.05	1 ^b			38		11

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.60	0.120	0.70	8 190	40	0.872	0.61	1 054.7	1975	1995	AEL PANALTA PROGAS GPP
20.80	0.150	0.75	12 980	62	0.854	0.64	1 720.6	1975	1995	AEL PANALTA PROGAS GPP
17.00	0.150	0.80	12 900	62	0.854	0.64	1 713.3	1997	1998	TOP/BASE TVD
1.18	0.103	0.55	16 060	87	0.854	0.71	2 392.2	1981	1997	PRODUCTION DECLINE
5.40	0.120	0.60	27 290	100	0.919	0.70	2 684.7	1981	1993	
2.42	0.110	0.80	23 720	87	0.911	0.63	2 736.3	1981	1994	
3.30	0.100	0.70	19 860	87	0.877	0.67	2 764.1	1990	1996	
2.30	0.110	0.80	24 020	87	0.892	0.69	2 732.3	1990	1996	
3.72	0.096	0.75	18 790	97	0.793	1.01	2 777.7	1981	1994	
0.85	0.112	0.65	14 610	87	0.855	0.71	2 352.6	1981	1998	PROGAS AEL GULF CNRL
8.80	0.140	0.85	24 940	85	0.890	0.72	2 632.7	1989	1998	
2.30	0.090	0.75	18 910	91	0.781	1.01	2 715.2	1989	1998	
3.00	0.120	0.80	20 390	86	0.863	0.72	2 710.0	1983	1997	
3.67	0.106	0.70	18 910	93	0.896	0.63	2 763.2	1996	1997	
15.31	0.072	0.85	34 460	101	0.940	0.75	3 475.2	1983	1997	
								1987	1996	GULF CHEL TOP/BASE TVD
3.45	0.154	0.55	3 140	16	0.938	0.56	375.3	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.93	0.170	0.55	4 310	17	0.916	0.56	493.9	1904	1987	PART OF MED HAT POOL NO.1
0.73	0.139	0.60	4 450	19	0.916	0.56	480.6	1973	1988	PART OF MED HAT POOL NO.3
0.80	0.139	0.60	4 450	19	0.916	0.56	512.4	1973	1988	PART OF MED HAT POOL NO.4
0.84	0.216	0.60	5 690	27	0.904	0.57	639.4	1944	1982	PART OF 2WS POOL NO.1
								1904	1990	MARATHN LOMALTA CNRL CRESTAR ENGAGE POCO
1.80	0.155	0.45	7 550	29	0.870	0.59	781.1	1967	1994	CANST CNFRST PROGAS PANALTA TCPL RENENER
2.73	0.210	0.55	6 940	28	0.863	0.62	800.8	1965	1997	IOL QUEBEC CNWE
4.14	0.250	0.60	8 810	27	0.821	0.62	874.6	1965	1998	PRODUCTION DECLINE
1.93	0.236	0.60	8 810	27	0.821	0.62	917.7	1950	1995	AEL TCPL POCO CRESTAR
1.86	0.238	0.55	8 810	27	0.821	0.62	917.8	1950	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1950	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
2.45	0.233	0.50	7 600	35	0.850	0.65	915.4	1950	1995	PRODUCTION DECLINE
2.69	0.214	0.40	8 680	27	0.822	0.64	900.7	1951	1998	PRODUCTION DECLINE NONCOMMERCIAL OIL
3.08	0.212	0.50	9 760	33	0.813	0.66	1 012.9	1951	1995	PRODUCTION DECLINE
6.17	0.233	0.60	8 720	33	0.828	0.66	973.1	1953	1995	PRODUCTION DECLINE
6.57	0.242	0.70	9 760	31	0.833	0.60	1 006.9	1950	1995	CRESTAR TCPL IOL
								1951	1993	CONCURRENT PRODUCTION
								1951	1993	CONCURRENT PRODUCTION
3.67	0.230	0.60	9 760	31	0.833	0.60	1 010.3	1951	1997	
1.91	0.228	0.60	9 760	31	0.833	0.60	1 019.4	1951	1995	
1.62	0.226	0.60	9 760	31	0.833	0.60	1 022.0	1951	1992	
0.50	0.180	0.50	9 760	31	0.833	0.60	1 023.4	1951	1992	ASSIGNED WELL 01-27-025-12W4M
0.75	0.200	0.50	9 760	31	0.833	0.60	1 025.6	1951	1992	
1.03	0.207	0.65	9 760	31	0.833	0.60	1 028.6	1951	1992	
1.27	0.248	0.75	9 760	39	0.850	0.60	1 035.9	1951	1995	
2.30	0.220	0.50	9 760	31	0.833	0.60	999.4	1951	1992	ASSIGNED WELL 15-17-025-12W4M
0.91	0.230	0.65	9 760	31	0.833	0.60	1 012.1	1951	1992	ASSIGNED WELL 16-14-025-12W4M
0.60	0.220	0.65	9 760	31	0.833	0.60	1 026.9	1951	1992	ASSIGNED WELL 06-34-025-12W4M
2.50	0.160	0.50	9 760	31	0.833	0.60	1 019.9	1951	1991	ASSIGNED WELL 16-03-025-12W4M
1.00	0.230	0.50	9 760	31	0.833	0.60	1 014.4	1951	1994	
1.31	0.241	0.65	9 760	31	0.833	0.60	1 020.3	1951	1996	
0.55	0.264	0.55	9 760	31	0.833	0.60	1 024.1	1951	1995	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CESSFORD 025-13W4 (CONTINUED)									
MANNVILLE C ASSOC	4	0.75	0.05	3b			38		27
MANNVILLE C ASSOC	1	0.70	0.10	1b			38		8
MANNVILLE C TOTAL	3 631	0.80	0.10	2 513b	2 173b	340	38	12 920	
MANNVILLE G	1 368	0.69	0.04	906	897	9	37	334	1 922
MANNVILLE H	1 553	0.85	0.04	1 267	1 263	4	38	150	3 158
MANNVILLE J	662	0.71	0.04	451	451	< 1	38	-	267
MANNVILLE V	1 948	0.90	0.04	1 683	1 508	175	39	6 860	1 319
MANNVILLE Y ASSOC		0.85	0.10				39		269
MANNVILLE Y SOLN	442	0.65	0.30	201b			39		
MANNVILLE Y ASSOC		0.85	0.10				39		221
MANNVILLE Y ASSOC		0.85	0.10				39		134
MANNVILLE Y ASSOC		0.85	0.10				39		31
MANNVILLE Z ASSOC		0.85	0.10				39		96
MANNVILLE Y & Z TOTAL	1 214	0.80	0.15	791b	742b	49	39	1 897	
MANNVILLE L		0.75	0.10				39		398
MANNVILLE CC		0.75	0.10				39		474
MANNVILLE L & CC TOTAL	609	0.75	0.05	434	324	110	38	4 202	
MANNVILLE C3C	590	0.85	0.05	477	101	376	38	14 269	300
MANNVILLE O30	520	0.85	0.05	420	61	359	37	13 161	150
MANNVILLE HH ASSOC	851	0.80	0.10	613b			38		1 903
MANNVILLE HH SOLN	13	0.65	0.35	5b			38		
MANNVILLE O30	458	0.85	0.10	350b			39		2 305
MANN HH & O30 TOTAL	1 322	0.80	0.10	968b	444b	524	38	20 033	
BANFF B ASSOC	444	0.85	0.10	339b			39		1 615
BANFF B SOLN	313	0.65	0.12	179b			39		
BANFF B ASSOC	1	0.70	0.10	1b			39		26
BANFF B ASSOC	6	0.70	0.10	4b			39		72
BANFF B TOTAL	764	0.75	0.10	523b	279b	244	39	9 565	
OTHER	16 536			11 046	5 781	5 265		199 811	
TOTAL-CESSFORD	72 314			53 370	39 006	14 364		535 424	
CHAIN 033-17W4									
TOTAL-CHAIN	2 257			1 474	857	617		23 460	
CHAMBERLAIN 052-23W4									
TOTAL-CHAMBERLAIN	3			2		2		75	
CHAMBERS 041-11W5									
TOTAL-CHAMBERS	671			468		468		18 288	
CHANDLER 059-02W4									
TOTAL-CHANDLER	986			612	429	183		6 686	
CHARD 079-06W4									
WABISKAW B		0.90	0.05				37		3 558
WABISKAW D		0.90	0.05				38		1 441
WABISKAW E		0.90	0.05				37		485
MCMURRAY B		0.90	0.05				37		26 733
MCMURRAY E		0.90	0.05				37		2 790
MCMURRAY F		0.90	0.05				37		237
MCMURRAY G		0.90	0.05				37		279
MCMURRAY H		0.90	0.05				37		200
MCMURRAY I		0.90	0.05				38		469
MCMURRAY J		0.90	0.05				38		518
MCMURRAY P		0.90	0.05				36		200
MCMURRAY CC		0.90	0.05				37		200
MCMURRAY EE		0.90	0.05				37		200
WBSK & MCMURRAY MU#1 TOTAL	6 800	0.90	0.05	5 814	5 003	811	37	30 315	
MCMURRAY Z		0.85	0.05				37		2 921
MCMURRAY II		0.85	0.05				37		200
MCMURRAY Z & II TOTAL	678	0.85	0.05	547	331	216	37	8 091	
OTHER	2 000			1 063	593	470		17 516	
TOTAL-CHARD	9 478			7 424	5 927	1 497		55 922	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.96	0.246	0.55	9 760	31	0.833	0.60	1 017.6	1951	1995	ASSIGNED WELL 00/4-10-26-12W4M
0.90	0.220	0.55	8 070	39	0.853	0.66	1 030.5	1951	1995	
								1951	1997	PROGAS CRESTAR LOMALTA TCPL IOL CONCURRENT
5.02	0.219	0.50	9 530	34	0.845	0.61	1 039.4	1950	1995	PRODUCTION
3.18	0.263	0.60	9 940	30	0.825	0.62	934.6	1958	1996	IOL TCPL CRESTAR PRODUCTION DECLINE SLUSH
4.88	0.233	0.55	10 580	36	0.811	0.66	1 036.0	1958	1992	OIL
3.35	0.220	0.60	9 650	41	0.826	0.65	1 123.1	1959	1997	PRODUCTION DECLINE
2.11	0.212	0.65	9 710	38	0.822	0.65	998.7	1951	1996	MARATHN CANST TCPL CRESTAR MATERIAL
						0.65		1951	1996	BALANCE
2.28	0.206	0.60	8 290	32	0.830	0.65	1 000.9	1951	1996	PRODUCTION DECLINE SOLN MU-MANNVILLE Y&Z,
6.69	0.182	0.65	9 710	37	0.819	0.65	990.4	1951	1996	CONC PROD
0.83	0.180	0.50	9 710	38	0.822	0.65	1 011.5	1951	1996	PRODUCTION DECLINE
0.69	0.233	0.65	9 710	37	0.819	0.64	991.3	1951	1996	PRODUCTION DECLINE
2.97	0.235	0.50	9 670	33	0.811	0.65	1 107.7	1962	1985	CRESTAR IOL CONCURRENT PRODUCTION
1.79	0.217	0.60	9 280	33	0.817	0.65	1 095.2	1962	1980	MATERIAL BALANCE
								1962	1980	MATERIAL BALANCE
13.75	0.208	0.65	9 540	34	0.835	0.62	963.2	1986	1996	CNRL CRESTAR TCPL
17.00	0.270	0.75	9 190	30	0.857	0.58	925.6	1990	1996	LOMALTA PROGAS
4.70	0.157	0.55	9 830	38	0.816	0.68	1 233.1	1972	1992	CNRL
						0.68		1972	1992	SOLN MU-MANN HH & 030, GPP
1.89	0.169	0.60	9 670	44	0.836	0.65	1 198.7	1972	1996	SOLN MU-MANN HH & 030, GPP
2.53	0.151	0.60	10 900	44	0.815	0.66	1 195.0	1972	1996	AEL TCPL CRESTAR GPP
0.73	0.140	0.50	9 590	47	0.836	0.66	1 269.7	1972	1996	CONCURRENT PRODUCTION
0.94	0.151	0.50	10 900	48	0.824	0.66	1 287.3	1972	1996	CONCURRENT PRODUCTION
								1972	1996	ASSIGNED WELL 02/6-5-27-17W4M
										ENGAGE CRESTAR TCPL CONCURRENT PRODUCTION
0.72	0.248	0.50	1 790	15	0.964	0.56	208.9	1979	1996	MATERIAL BALANCE
0.69	0.266	0.50	1 740	15	0.965	0.55	254.3	1978	1996	MATERIAL BALANCE
0.59	0.271	0.50	1 550	13	0.968	0.56	266.3	1986	1996	MATERIAL BALANCE
4.64	0.282	0.75	1 730	13	0.964	0.57	252.1	1957	1996	MATERIAL BALANCE
1.66	0.280	0.65	1 730	11	0.963	0.56	219.3	1979	1996	MATERIAL BALANCE
1.09	0.263	0.55	1 420	11	0.970	0.56	211.7	1984	1996	MATERIAL BALANCE
1.19	0.271	0.60	1 570	11	0.967	0.56	215.7	1985	1996	MATERIAL BALANCE
1.60	0.300	0.45	1 640	11	0.965	0.56	209.2	1985	1996	MATERIAL BALANCE
1.05	0.287	0.65	1 750	8	0.961	0.55	310.4	1985	1996	MATERIAL BALANCE
1.16	0.290	0.60	1 680	16	0.966	0.55	261.0	1986	1996	MATERIAL BALANCE
4.80	0.260	0.70	1 600	12	0.967	0.58	252.7	1985	1996	MATERIAL BALANCE
2.50	0.300	0.60	1 490	6	0.966	0.56	248.7	1987	1996	MATERIAL BALANCE
2.20	0.250	0.60	1 800	9	0.961	0.56	346.0	1980	1996	MATERIAL BALANCE
								1957	1996	AEL WASCANA PARAMNT QUEBEC RIOALTO TCPL
4.01	0.291	0.70	1 660	10	0.964	0.56	296.8	1980	1996	PANALTA IOL CANOXY CNFRST CANST
0.30	0.300	0.50	1 750	9	0.961	0.56	327.9	1986	1996	PRODUCTION DECLINE
								1980	1998	PRODUCTION DECLINE
										TCPL RIOALTO IOL CANOXY CNFRST

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CHARLIE 089-05W6									
GETHING C	849	0.80	0.05	645			37		3 916
GETHING C	75	0.70	0.05	50			37		300
GETHING E	93	0.75	0.05	67			37		450
GETHING C & E TOTAL	1 017	0.80	0.05	762	163	599	37	22 109	
OTHER	98			58	49	9		345	
TOTAL-CHARLIE	1 115			820	212	608		22 454	
CHARLOTTE LAKE 060-04W4									
COLONY G	1 187	0.75	0.05	846	770	76	37	2 836	2 754
COLONY A		0.75	0.05				37		3 688
GRAND RAPIDS A		0.75	0.05				37		463
GRAND RAPIDS J		0.75	0.05				37		626
CLNY A & GRD RP A & J TOTAL	1 146	0.75	0.05	817	774	43	38	1 640	
OTHER	1 366			800	633	167		6 114	
TOTAL-CHARLOTTE LAKE	3 699			2 463	2 177	286		10 590	
CHARM 103-09W6									
TOTAL-CHARM	541			378	19	359		13 129	
CHARRON 069-16W4									
GRAND RAPIDS A	742	0.60	0.05	423	336	87	37	3 254	3 223
GRAND RAPIDS B	585	0.65	0.05	361	316	45	38	1 693	1 391
GROSMONT A	925	0.60	0.05	527	522	5	37	185	5 142
OTHER	1 507			873	250	623		23 150	
TOTAL-CHARRON	3 759			2 184	1 424	760		28 282	
CHAUVIN 043-01W4									
TOTAL-CHAUVIN	558			225	7	218		7 720	
CHAUVIN SOUTH 042-02W4									
SPARKY A ASSOC	2	0.65	0.05	1b			33		33
SPARKY A SOLN	804	0.44	0.37	223b			33		
SPARKY A ASSOC	81	0.60	0.05	47b			33		663
SPARKY A ASSOC	1	0.65	0.10	1b			36		16
SPARKY A ASSOC	6	0.65	0.10	4b			36		78
SPARKY A ASSOC	1	0.65	0.10	1b			36		17
SPARKY A ASSOC	1	0.65	0.10	1b			36		16
SPARKY A ASSOC	6	0.60	0.05	4b			33		50
SPARKY A ASSOC	1	0.75	0.10	1b			36		16
GENERAL PETROLEUM D ASSOC	26	0.65	0.10	15b			36		142
GENERAL PETROLEUM D ASSOC	4	0.65	0.10	3b			36		38
GENERAL PETROLEUM D ASSOC	3	0.65	0.05	2b			33		39
GENERAL PETROLEUM D ASSOC	5	0.60	0.10	3b			36		16
GENERAL PETROLEUM D ASSOC	2	0.65	0.10	1b			36		17
GENERAL PETROLEUM D ASSOC	1	0.65	0.10	1b			36		8
GENERAL PETROLEUM D ASSOC	1	0.65	0.10	1b			36		18
GENERAL PETROLEUM D	2	0.60	0.05	1b			34		16
GENERAL PETROLEUM D ASSOC	1	0.60	0.10	1b			38		5
GENERAL PETROLEUM E ASSOC	4	0.65	0.05	3b			34		34
REX B ASSOC	39	0.70	0.05	26b			36		200
GENERAL PETROLEUM D ASSOC	1	0.60	0.05	1b			33		6
GENERAL PETROLEUM D ASSOC	2	0.65	0.05	1b			33		12
MANNVILLE MU #1 TOTAL	994	0.50	0.30	342b	150b	192	34	6 468	
OTHER	1 951			1 320	754	566		19 412	
TOTAL-CHAUVIN SOUTH	2 945			1 662	904	758		25 880	
CHEDDERVILLE 037-07W5									
LEDUC A	2 353	0.85	0.15	1 700	1 608	92	39	3 579	1 581
LEDUC B	926	0.80	0.15	630	308	322	39	12 629	200
LEDUC D	1 922	0.85	0.15	1 389	190	1 199	39	46 845	200
COOKING LAKE A	1 034	0.85	0.15	747	139	608	39	23 919	200
OTHER	715			257	100	157		6 282	
TOTAL-CHEDDERVILLE	6 950			4 723	2 345	2 378		93 254	
CHERRILL 056-05W5									
BANFF A SOLN	832	0.29	0.65	84b			40		
BANFF A ASSOC	348	0.85	0.10	266b	247b	103	40	4 098	448

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CHERHILL 056-05W5 (CONTINUED)									
BANFF H ASSOC	225	0.70	0.10	142 ^b			39		286
BANFF H SOLN	544	0.65	0.15	301 ^b			39		
BANFF H ASSOC	2	0.70	0.10	1 ^b			39		5
BANFF H ASSOC	203	0.70	0.10	128 ^b			39		321
BANFF H ASSOC	84	0.70	0.10	53 ^b			40		176
BANFF H TOTAL	1 058	0.65	0.10	625 ^b	398 ^b	227	39	8 939	
BANFF W	825	0.80	0.10	594	568	26	34	882	533
OTHER	2 731			1 473	805	668		25 950	
TOTAL-CHERHILL	5 794			3 042	2 018	1 024		39 869	
CHERPETA 074-19W4									
NISKU A	2 936	0.70	0.05	1 952	538	1 414	36	51 597	4 728
OTHER	1 480			818	384	434		15 552	
TOTAL-CHERPETA	4 416			2 770	922	1 848		67 149	
CHICKADEE 062-16W5									
GETHING D SOLN	14	0.65	0.10	8 ^b			39		
GETHING D ASSOC	3 385	0.65	0.10	1 980 ^b	962 ^b	1 026	39	40 373	11 843
OTHER	261			189	36	153		5 744	
TOTAL-CHICKADEE	3 660			2 177	998	1 179		46 117	
CHICKEN 062-07W6									
TOTAL-CHICKEN	1 150			753	302	451		17 960	
CHIGWELL 041-24W4									
MANNVILLE A	868	0.80	0.10	625	594	31	39	1 224	711
MANNVILLE DD	395	0.85	0.10	302	190	112	39	4 393	224
MANNVILLE E ASSOC		0.70	0.10				40		64
MANNVILLE E SOLN	954	0.65	0.35	403 ^b			40		
MANNVILLE E ASSOC		0.70	0.10				40		73
MANNVILLE E ASSOC		0.70	0.10				40		93
MANNVILLE E ASSOC	1	0.70	0.10	1 ^b			39		16
MANN E & U MANN A TOTAL	997	0.65	0.35	430 ^b	230 ^b	200	40	8 008	
OTHER	5 108			3 086	1 313	1 773		69 375	
TOTAL-CHIGWELL	7 368			4 443	2 327	2 116		83 000	
CHIGWELL NORTH 042-24W4									
TOTAL-CHIGWELL NORTH	252			130	55	75		3 069	
CHIME 061-05W6									
TOTAL-CHIME	222			151	14	137		5 507	
CHIN COULEE 007-14W4									
TOTAL-CHIN COULEE	128			56	13	43		1 460	
CHINCHAGA 097-06W6									
BLSKY-GETH-MONTNEY A	3 162	0.50	0.05	1 502	692	810	38	30 966	13 394
SLAVE POINT A	1 389	0.80	0.10	1 000	920	80	38	3 063	1 338
OTHER	349			218	47	171		6 512	
TOTAL-CHINCHAGA	4 900			2 720	1 659	1 061		40 541	
CHINCHAGA NORTH 098-07W6									
DEBOLT-DETRITAL A	5 623	0.75	0.05	4 006	3 029	977	37	36 129	3 088
SLAVE POINT A ASSOC	960	0.80	0.05	730 ^b		730	37	27 098	716
TOTAL-CHINCHAGA NORTH	6 583			4 736	3 029	1 707		63 227	
CHINOOK 029-08W4									
BELLY RIVER A	349	0.95	0.05	315	304	11	37	407	4 334
OTHER	978			590	316	274		110 274	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.26	0.184	0.70	10 810	48	0.823	0.66 0.66	1 357.9	1973 1973	1990 1990	CONCURRENT PRODUCTION CONCURRENT PRODUCTION
2.40	0.270	0.55	9 850	48	0.833	0.67	1 372.2	1973	1988	ASSIGNED WELL 12-25-56-6W5
3.62	0.211	0.70	11 050	50	0.824	0.67	1 344.5	1973	1995	
2.80	0.198	0.75	10 810	50	0.826	0.65	1 329.5	1973	1994	
3.98	0.207	0.70	10 410	48	0.860	0.70	1 272.1	1973 1981	1996 1997	PIONEER CONCURRENT PRODUCTION PROGAS POCO TALISMA AEC AMOCO PIONEER PRODUCTION DECLINE
22.71	0.178	0.65	2 370	25	0.957	0.58	610.3	1975	1996	RENENER WASCANA METGAZ PROGAS
4.64	0.142	0.55	13 410	72	0.849	0.68	1 876.8	1976 1976	1998 1998	CRESTAR TCPL SUMMIT POCO PARAMNT CHEL CONFRST PROGAS TALISMA PRODUCTION DECLINE CONCURRENT PROD, OIL DEPLETED CRESTAR TCPL SUMMIT POCO PARAMNT CHEL CONFRST PROGAS TALISMA PRODUCTION DECLINE CONCURRENT PROD, OIL DEPLETED
6.49	0.173	0.65	11 430	57	0.819	0.70	1 571.8	1952	1997	ULSTER TCPL RENENER PIONEER IOL TALISMA PRODUCTION DECLINE
8.52	0.195	0.90	11 760	65	0.838	0.69	1 581.2	1980	1998	
1.34	0.141	0.80	11 490	48	0.797	0.69	1 543.3	1964	1995	MATERIAL BALANCE SOLN MU-MANN E&UMN A, CONING, GPP
0.84	0.150	0.80	1 490	48	0.969	0.69	1 555.8	1964	1988	MATERIAL BALANCE
0.97	0.130	0.80	11 490	48	0.797	0.69	1 586.2	1964	1988	MATERIAL BALANCE
0.50	0.160	0.90	11 410	57	0.823	0.71	1 573.7	1964	1964	ASSIGNED WELL 6-24-41-25W4/O
								1964	1995	CRESTAR POCO PCOG BEAU BLUERGE TALISMA PANALTA TCPL PIONEER PROGAS GARDNER CONING GAS CAP, GPP
4.54	0.190	0.65	6 040	39	0.893	0.62	788.9	1983	1998	POCO RIGEL CGGS NRTHSTR AEC PRODUCTION DECLINE
7.21	0.082	0.65	20 600	93	0.844	0.84	2 147.5	1973	1996	UNPACF AMOCO MATERIAL BALANCE
6.30	0.211	0.65	5 690	36	0.907	0.59	696.1	1978	1995	CGGS CHEVRON AEC PROGAS MATERIAL BALANCE
7.74	0.094	0.90	23 190	77	0.920	0.59	2 201.4	1995	1996	POCO RIGEL TALISMA CONCURRENT PRODUCTION
2.76	0.338	0.65	1 670	18	0.968	0.56	243.5	1972	1998	CANOR IOL CWNNGUL PROGAS CRESTAR PRODUCTION DECLINE

	1	2	3	4	5	6	7	8	9
FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	RAW GAS			MARKETABLE GAS					AREA ha
	INITIAL VOLUME IN PLACE	POOL RECOVERY	SURFACE LOSS	INITIAL ESTABLISHED RESERVES	NET CUMULATIVE PRODUCTION	REMAINING ESTABLISHED RESERVES	GROSS HEAT VALUE	REMAINING ENERGY CONTENT	
	10 ⁶ m³	frac	frac	10 ⁶ m³	10 ⁶ m³	10 ⁶ m³	MJ/m³	TJ	
CHINDOOK O29-08W4 (CONTINUED) TOTAL-CHINDOOK	1 327			905	620	285		10 681	
CHIP LAKE O53-10W5 ROCK CREEK C	656	0.80	0.10	473	434	39	40	1 565	428
OTHER	167			87	26	61		2 590	
TOTAL-CHIP LAKE	823			560	460	100		4 155	
CHISHOLM O68-O1W5 TOTAL-CHISHOLM	1 228			764	475	289		10 732	
CINDY O77-26W5 TOTAL-CINDY	447			278	158	120		4 536	
CLAIR O73-O5W6 TOTAL-CLAIR	991			659	146	513		20 236	
CLARESHOLM O13-26W4 GLAUCONITIC A	566	0.70	0.05	376	347	29	39	1 117	292
OTHER	2 063			1 325	425	900		34 505	
TOTAL-CLARESHOLM	2 629			1 701	772	929		35 622	
CLAY O60-13W4 COLONY U	1 200	0.75	0.05	855	636	219	37	8 184	2 159
OTHER	2 132			1 225	658	567		21 021	
TOTAL-CLAY	3 332			2 080	1 294	786		29 205	
CLAYHURST O83-O5W6 TOTAL-CLAYHURST	83			59		59		2 224	
CLEAR HILLS O88-10W6 LEDUC B	854	0.85	0.10	653	89	564	37	20 840	400
OTHER	514			346	119	227		8 654	
TOTAL-CLEAR HILLS	1 368			999	208	791		29 494	
CLEAR PRAIRIE O91-12W6 BLUESKY A	743	0.65	0.05	459	97	362	38	13 575	1 758
OTHER	377			244	64	180		6 981	
TOTAL-CLEAR PRAIRIE	1 120			703	161	542		20 556	
CLEARWATER O35-12W5 RUNDLE A	11 373	0.80	0.10	8 188	1 738	6 450	38	247 551	2 052
TOTAL-CLEARWATER	11 373			8 188	1 738	6 450		247 551	
CLIVE O40-24W4 D-2 A ASSOC	148	0.75	0.15	94b			35		318
D-2 A SOLN	1 057	0.53	0.40	336b			35		
D-2 A ASSOC	97	0.85	0.25	62b			44		333
D-2 A ASSOC	964	0.85	0.35	532b			43		1 402
D-2 A TOTAL	2 266	0.70	0.35	1 024b	666b	358	39	14 034	
D-3 A ASSOC	153	0.85	0.30	91			42		383
D-3 A SOLN	2 538	0.65	0.35	1 073			42		
D-3 A POOL 2 ASSOC	314	0.85	0.30	187			42		535
D-3 A POOL 3 ASSOC	437	0.85	0.30	260			40		463
D-3 A POOL 4 ASSOC	111	0.85	0.30	66			42		300
D-3 A ASSOC	9	0.85	0.30	6			42		22
D-3 A TOTAL	3 562	0.70	0.35	1 683	967	716	42	29 922	
OTHER	2 456			1 562	484	1 078		41 553	
TOTAL-CLIVE	8 284			4 269	2 117	2 152		85 509	
CLOVER O61-17W5 TOTAL-CLOVER	199			135	46	89		3 461	
CLYDEN O75-13W4 TOTAL-CLYDEN	1 398			708	383	325		12 087	
COALDALE O08-20W4 TOTAL-COALDALE	584			315	300	15		522	
COLD LAKE O63-O2W4 COLONY A	377	0.95	0.05	340	319	21	37	773	598

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.61	0.140	0.80	14 380	67	0.809	0.73	1 856.9	1950	1995	PRODUCTION DECLINE SLUSH OIL
1.27	0.110	0.75	13 520	53	0.844	0.62	2 037.7	1980	1996	MOBIL PROGAS CANST PRODUCTION DECLINE
3.93	0.286	0.70	3 610	24	0.932	0.57	519.5	1976	1998	UNPACF CNRL TALISMA PANALTA PRODUCTION DECLINE
14.15	0.082	0.85	24 180	80	0.900	0.69	2 386.5	1996	1997	PANALTA CANOR CNRL
3.86	0.193	0.75	7 650	51	0.888	0.63	1 038.0	1975	1997	UNPACF BLUERGER WASCANA IOL
36.00	0.064	0.90	35 250	94	1.022	0.63	4 189.0	1980	1996	MOBIL SHELL
5.42	0.060	0.85	17 100	68	0.850	0.76	1 883.8	1951	1996	CONING GAS CAP. CONC PROD, GPP
2.75	0.064	0.80	17 090	66	0.690	0.90	1 830.2	1951	1996	CONING GAS CAP. CONC PROD, GPP
6.35	0.061	0.85	17 070	67	0.684	0.89	1 850.2	1951	1996	CRESTAR RIFE TALISMA POCO TCPL ULSTER
3.60	0.069	0.80	17 570	68	0.731	0.83	1 878.8	1952	1998	CONING GAS CAP, QONC PROD, GPP
6.36	0.054	0.85	17 600	68	0.731	0.83	1 912.6	1952	1996	
8.10	0.068	0.85	17 570	68	0.727	0.90	1 880.6	1952	1996	
3.52	0.062	0.85	17 550	68	0.731	0.83	1 874.8	1952	1996	
2.74	0.090	0.85	17 600	68	0.731	0.84	1 900.6	1952	1996	
								1952	1998	TALISMA RIFE POCO TCPL ULSTER
2.22	0.308	0.65	2 250	18	0.956	0.57	269.1	1952	1996	RENENER MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
COLD LAKE 063-02W4 (CONTINUED)									
COLONY D	424	0.85	0.05	342	328	14	36	508	403
OTHER	1 684			1 027	699	328		12 218	
TOTAL-COLD LAKE	2 485			1 709	1 346	363		13 499	
COLEMAN 009-04W5									
RUNDLE A	10 461	0.75	0.35	5 100			37		1 998
PALLISER B	3 428	0.80	0.25	2 057			37		657
RUNDLE A & PALLISER B TOTAL	13 889	0.75	0.30	7 157	3 926	3 231	37	119 676	
OTHER	2			1	1	< 1		-	
TOTAL-COLEMAN	13 891			7 158	3 927	3 231		119 676	
COLINTON 064-20W4									
TOTAL-COLINTON	669			434	283	151		5 710	
COLORADO 090-04W6									
BLUESKY A	428	0.75	0.05	305	65	240	37	8 878	2 188
TOTAL-COLORADO	428			305	65	240		8 878	
COLT 058-24W5									
WINTERBURN A	692	0.85	0.05	559	104	455	38	17 103	200
OTHER	208			126	3	123		4 776	
TOTAL-COLT	900			685	107	578		21 879	
COLUMBIA 046-16W5									
NISKU B	891	0.70	0.40	374	314	60	37	2 225	128
OTHER	1 697			815	194	621		24 659	
TOTAL-COLUMBIA	2 588			1 189	508	681		26 884	
COMPEER 033-01W4									
TOTAL-COMPEER	1 242			871	652	219		8 183	
COMREY 001-07W4									
BOW ISLAND	827	0.75	0.05	589	574	15	37	549	2 447
OTHER	437			293	186	107		3 853	
TOTAL-COMREY	1 264			882	760	122		4 402	
CONNEMARA 016-27W4									
TOTAL-CONNEMARA	398			284	36	248		9 290	
CONNORSVILLE 025-15W4									
MILK RIVER A	1 018	0.50	0.05	484			36		17 117
MEDICINE HAT A	2 827	0.50	0.03	1 372			36		25 598
BELLY RIVER A	15	0.60	0.05	9			37		250
SE ALTA GAS SYS(MU) TOTAL	3 860	0.50	0.05	1 865	241	1 624	36	59 227	
VIKING A	527	0.60	0.05	300	146	154	38	5 803	1 443
GLAUCONITIC A	312	0.85	0.10	239			39		440
GLAUCONITIC B	32	0.75	0.05	23			38		128
GLAUCONITIC C	186	0.75	0.10	126			39		1 035
GLAUCONITIC E	152	0.75	0.10	103			39		150
GLAUCONITIC I	66	0.75	0.10	45			39		300
ELLERSLIE A	3 981	0.80	0.10	2 867			39		10 345
GLAUC ABCEI & ELSERS A TOTAL	4 729	0.80	0.10	3 403	1 943	1 460	39	57 203	
OTHER	1 149			782	396	386		14 667	
TOTAL-CONNORSVILLE	10 265			6 350	2 726	3 624		136 900	
COOKING LAKE 052-22W4									
TOTAL-COOKING LAKE	94			57	23	34		1 249	
CORBETT 061-07W5									
VIKING A	514	0.90	0.10	417	417	< 1	39	-	1 588
OTHER	298			196	41	155		6 022	
TOTAL-CORBETT	812			613	458	155		6 022	
CORDEL 042-16W5									
TURNER VALLEY D	860	0.50	0.10	387	47	340	39	13 216	200
TURNER VALLEY A		0.50	0.10				39		200
TURNER VALLEY B		0.50	0.15				38		742
TURNER VALLEY A & B TOTAL	1 940	0.50	0.10	873	102	771	39	29 799	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.47	0.323	0.65	2 300	20	0.956	0.58	275.3	1952	1996	PRODUCTION DECLINE
28.86 32.66	0.068 0.041	0.85 0.80	30 950 28 990	93 72	0.884 0.882	0.76 0.71	3 022.5 3 586.8	1969 1969 1969	1989 1984 1989	MATERIAL BALANCE MATERIAL BALANCE PCOG NRTHSTR PROGAS TCPL
2.84	0.172	0.60	6 470	35	0.895	0.60	921.4	1976	1998	PROGAS
15.50	0.100	0.90	33 020	102	1.009	0.64	3 567.0	1997	1998	
17.00	0.100	0.85	59 740	126	1.180	0.82	4 213.5	1980	1995	AMOCO PANALTA HUSKY PRODUCTION DECLINE
5.86	0.250	0.50	5 340	27	0.902	0.59	755.6	1952	1998	CMG CRESTAR PRODUCTION DECLINE
2.50	0.128	0.50	3 140	16	0.938	0.57	477.8	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.56 2.44	0.170 0.250	0.55 0.40	4 310 2 450	17 20	0.916 0.954	0.57 0.56	586.7 346.3	1904 1978 1904	1994 1996 1994	PART OF MED HAT POOL NO.1 MARATHN CNRL ENGAGE TALISMA CRESTAR PANCDN IOL PANALTA CWNGNUL TCPL POCO TCPL MATERIAL BALANCE
2.21 6.17 2.70 1.47 9.10 2.45 3.78	0.205 0.175 0.200 0.226 0.190 0.133 0.173	0.60 0.60 0.45 0.60 0.55 0.65 0.55	8 150 9 260 9 570 8 220 9 690 9 220 9 410	30 29 40 35 42 36 35	0.855 0.796 0.847 0.843 0.821 0.818 0.812	0.60 0.66 0.61 0.64 0.66 0.66 0.66	927.9 1 064.8 1 102.5 1 082.4 1 069.9 1 118.1 1 115.2	1956 1963 1964 1956 1976 1987 1963 1956	1980 1982 1996 1995 1988 1996 1995 1996	PART OF ELRSL POOL NO.1 PART OF ELRSL POOL NO.1 PART OF ELRSL POOL NO.1 PART OF ELRSL POOL NO.1 PART OF ELRSL POOL NO.1 PART OF ELRSL POOL NO.1 PART OF ELRSL POOL NO.1 RENERER CNRL ENGAGE CRESTAR PANCDN PANALTA TCPL PART OF ELRSL POOL NO.1
2.00	0.200	0.55	8 270	44	0.857	0.64	1 025.6	1971	1990	
30.70 14.67 17.24	0.070 0.110 0.067	0.85 0.75 0.85	32 210 31 900 31 000	114 106 114	1.005 0.994 0.993	0.64 0.65 0.65	3 755.0 3 744.1 3 504.3	1996 1979 1979 1979	1998 1998 1998 1998	AMOCO TALISMA TOP/BASE TVD PRODUCTION DECLINE TOP/BASE TVD PRODUCTION DECLINE TOP/BASE TVD TCPL AEL GULF AMOCO TALISMA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CORDEL 042-16W5 (CONTINUED)									
TURNER VALLEY C	93	0.50	0.10	42			38		200
TURNER VALLEY G	638	0.50	0.10	287			39		1 251
TURNER VALLEY C & G TOTAL	731	0.50	0.10	329	182	147	39	5 677	
TURNER VALLEY F	520	0.50	0.15	221			39		200
TURNER VALLEY H	337	0.50	0.15	144			39		200
TURNER VALLEY F & H TOTAL	857	0.50	0.15	365	124	241	39	9 310	
OTHER	471			209	67	142		5 472	
TOTAL-CORDEL	4 859			2 163	522	1 641		63 474	
CORNER 081-09W4									
MCMURRAY C	680	0.60	0.05	388	316	72	37	2 693	1 431
OTHER	1 923			1 004	447	557		20 823	
TOTAL-CORNER	2 603			1 392	763	629		23 516	
CORRIN 061-13W4									
TOTAL-CORRIN	1 719			1 114	746	368		13 590	
COUNTRESS 020-16W4									
MILK RIVER A	11 277	0.60	0.05	6 428			36		91 927
MEDICINE HAT A	12 519	0.60	0.03	7 286			36		113 802
MEDICINE HAT C	310	0.50	0.03	150			36		8 729
MEDICINE HAT D	124	0.50	0.03	60			36		4 304
SECOND WHITE SPECKS A	705	0.60	0.05	402			36		5 363
SECOND WHITE SPECKS B	538	0.60	0.05	307			37		3 932
SE ALTA GAS SYS (MU) TOTAL	25 473	0.60	0.05	14 633	3 875	10 758	36	392 344	
BOW ISLAND Z	318	0.85	0.10	243			39		1 540
UPPER MANNVILLE LLL	98	0.75	0.10	67			38		300
LOWER MANNVILLE HH	164	0.70	0.10	104			39		100
BI Z,UMN LLL & LMN HH TOTAL	580	0.80	0.10	414	225	189	39	7 286	
BOW ISLAND A	3 421	0.65	0.05	2 113			37		16 464
BOW ISLAND A	92	0.75	0.05	66			36		400
BOW ISLAND A TOTAL	3 513	0.65	0.05	2 179	1 557	622	37	23 207	
BOW ISLAND N	784	0.75	0.05	559	451	108	37	3 980	1 999
BASAL COLORADO A		0.91	0.05				36		25 583
BASAL COLORADO A		0.91	0.05				37		10 568
BASAL COLORADO A		0.91	0.05				36		2 163
BASAL COLORADO A		0.91	0.05				36		2 412
BASAL COLORADO A TOTAL	5 495	0.90	0.05	4 750	4 608	142	37	5 245	
UPPER MANNVILLE D ASSOC	535	0.75	0.10	361b			37		140
UPPER MANNVILLE D SOLN	667	0.58	0.25	290b			37		
UPPER MANNVILLE D ASSOC		0.75	0.10				37		15
UPPER MANNVILLE D ASSOC		0.75	0.10				37		261
UPPER MANNVILLE D ASSOC		0.75	0.10				37		12
UPPER MANNVILLE D ASSOC		0.75	0.10				37		7
UPPER MANNVILLE D ASSOC		0.75	0.10				37		8
UPPER MANNVILLE D TOTAL	1 202	0.65	0.15	651b	597b	54	37	2 013	
UPPER MANNVILLE S	506	0.80	0.10	365	351	14	39	543	665
UPPER MANNVILLE AA	450	0.80	0.10	324	270	54	39	2 101	150
UPPER MANNVILLE QQQ	976	0.80	0.10	703	252	451	39	17 427	300
UPPER MANNVILLE RRR	676	0.85	0.10	518	127	391	38	14 956	2 234
GLAUCONITIC III	2 736	0.80	0.10	1 970	1 265	705	39	27 227	9 566
LOWER MANNVILLE MM	555	0.85	0.10	425	6	419	39	16 157	150
OTHER	13 105			7 878	3 578	4 300		162 803	
TOTAL-COUNTRESS	56 051			35 369	17 162	18 207		675 289	
COUTTS 001-16W4									
TOTAL-COUTTS	468			115	27	88		3 454	
COWLICK (SA) 058-06W6									
TOTAL-COWLICK	386			295		295		11 237	
COYOTE 028-15W4									
TOTAL-COYOTE	875			616	459	157		5 982	
CRAIGEND 064-13W4									
VIKING A	5 308	0.40	0.05	2 017	37	1 980	37	73 042	71 743

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
28.20 12.41	0.007 0.075	0.90 0.85	37 230 31 180	110 104	1.052 0.992	0.63 0.63	3 657.1 3 490.2	1997 1980 1980	1998 1998 1998	PRODUCTION DECLINE CRESTAR TCPL AMOCO TALISMA AMOCO TALISMA PRODUCTION DECLINE TOP/BASE TVD AMOCO TALISMA TOP/BASE TVD
35.70 15.60	0.060 0.060	0.80 0.80	32 010 30 050	107 111	1.000 0.988	0.64 0.64	3 561.9 3 902.7	1979 1979	1998 1998	
6.15	0.278	0.70	2 080	14	0.957	0.56	426.6	1991	1997	PARAMNT PRODUCTION DECLINE
8.07 2.55 0.90 0.73 1.70 1.24	0.152 0.170 0.139 0.139 0.216 0.210	0.55 0.55 0.60 0.60 0.60 0.60	3 140 4 310 4 450 4 450 5 690 7 870	16 17 19 19 27 23	0.938 0.916 0.916 0.916 0.904 0.864	0.56 0.56 0.56 0.56 0.56 0.57	426.9 543.3 532.3 563.4 719.2 731.6	1910 1904 1973 1973 1944 1990 1904	1994 1994 1992 1988 1994 1994 1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.1 PART OF MED HAT POOL NO.3 PART OF MED HAT POOL NO.4 PART OF 2WS POOL NO.1 AEL BEAU UNPACF TALISMA NRTHSTR CRESTAR PANCDN PROGAS PANALTA TCPL POCO
2.93 4.00 7.00	0.151 0.153 0.270	0.45 0.55 0.80	7 900 8 850 9 480	39 36 34	0.859 0.836 0.808	0.63 0.65 0.67	998.0 1 196.1 1 205.5	1983 1992 1994	1997 1996 1998	PRODUCTION DECLINE PROGAS PANCDN PANALTA CNRL
3.47 1.85	0.157 0.240	0.50 0.65	7 310 7 560	36 32	0.882 0.882	0.59 0.59	905.9 925.4	1951 1951	1997 1996	PANCDN TCPL PANCDN PRODUCTION DECLINE
1.85 1.11 0.56 0.72 1.61	0.217 0.154 0.180 0.205 0.164	0.65 0.60 0.55 0.65 0.70	7 730 8 390 8 390 8 390 8 390	37 33 33 33 33	0.885 0.865 0.863 0.865 0.865	0.58 0.61 0.59 0.61 0.61	1 182.4 1 047.4 1 010.6 1 111.8 1 180.2	1951 1951 1951 1951 1951	1997 1993 1993 1993 1993	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE CRESTAR PANCDN TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE CONCURRENT PRODUCTION
4.56 0.90 1.59 1.31 0.71 0.61	0.238 0.210 0.247 0.240 0.160 0.280	0.75 0.60 0.80 0.80 0.75 0.85	11 000 11 000 11 000 11 000 11 000 11 000	35 35 35 35 35 35	0.821 0.821 0.821 0.821 0.821 0.821	0.64 0.64 0.64 0.64 0.64 0.64	1 051.8 1 047.8 1 047.9 1 047.9 1 072.2 1 051.3	1967 1967 1967 1967 1967 1967	1997 1991 1991 1991 1991 1991	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE
3.69 8.35 15.60 2.62 3.88	0.240 0.225 0.257 0.175 0.175	0.75 0.85 0.80 0.60 0.55	10 420 10 140 9 780 9 850 8 810	49 49 50 35 45	0.840 0.837 0.849 0.827 0.848	0.64 0.65 0.65 0.63 0.66	1 279.2 1 334.8 1 360.8 1 133.4 1 214.2	1972 1978 1993 1990 1954	1997 1998 1995 1997 1998	PANCDN CONCURRENT PRODUCTION PANCDN TCPL PRODUCTION DECLINE PANCDN PRODUCTION DECLINE PANCDN PANCDN TCPL PANCDN PART OF GLAUC POOL NO.6 PRODUCTION DECLINE PANCDN TOP/BASE TVD, POTENTIAL OIL
16.00	0.240	0.75	11 360	40	0.804	0.66	1 079.5	1995	1997	
1.98	0.234	0.45	3 350	15	0.932	0.57	337.6	1949	1991	RENENER UNPACF WASCANA TALISMA AEC CNRL IOL PANALTA CWNGNUL TCPL AMOCO PROGAS PART OF VIK POOL NO.6

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CRAIGEND 064-13W4 (CONTINUED)									
GRAND RAPIDS A	594	0.70	0.05	395	326	69	37	2 572	829
GRAND RAPIDS B	427	0.75	0.05	304	298	6	37	222	3 165
GRAND RAPIDS E	532	0.65	0.05	329	244	85	37	3 130	4 897
GRAND RAPIDS P	884	0.75	0.05	630	563	67	37	2 458	1 152
GRAND RAPIDS AA		0.65	0.05				37		1 963
GRAND RAPIDS WW		0.70	0.05				37		982
GRAND RAPIDS XX		0.70	0.05				37		400
GRAND RAPIDS W3W		0.65	0.05				37		200
GRAND RAPIDS X3X		0.65	0.05				37		200
GRAND RAPIDS MU#4 TOTAL	548	0.75	0.05	380	351	29	37	1 083	
GRAND RAPIDS GGG	24	0.70	0.05	16			38		200
GRAND RAPIDS HHH	2	0.70	0.05	1			37		150
GRAND RAPIDS III	24	0.70	0.05	16			38		367
GRAND RAPIDS JJJ	9	0.70	0.05	6			38		200
GRAND RAPIDS LLL	74	0.65	0.05	46			37		618
GRAND RAPIDS MMM	82	0.65	0.05	50			37		942
GRAND RAPIDS NNN	314	0.75	0.05	224			38		1 312
GRAND RAPIDS D2D	18	0.70	0.05	12			37		200
GRAND RAPIDS E2E	13	0.75	0.10	9			41		200
GRAND RAPIDS MU#2 TOTAL	560	0.70	0.05	380	201	179	38	6 714	
MCMURRAY C	1 578	0.60	0.05	900	774	126	37	4 677	13 539
GROSMONT A	6 400	0.45	0.05	2 736	2 611	125	37	4 599	36 668
OTHER	12 463			7 564	4 462	3 102		113 915	
TOTAL-CRAIGEND	29 294			15 635	9 867	5 768		212 412	
CRAIGMYLE 032-17W4									
BELLY RIVER A		0.80	0.05				37		9 493
BELLY RIVER P		0.80	0.05				37		250
BELLY RIVER A & P TOTAL	2 014	0.80	0.05	1 530	1 505	25			
ELLERSLIE H	676	0.90	0.10	547	503	44	39	1 735	919
OTHER	2 559			1 616	932	684		26 134	
TOTAL-CRAIGMYLE	5 249			3 693	2 940	753		27 869	
CRANBERRY 096-04W6									
BLSK-DETR-DBLT NO.1	1 974	0.93	0.05	1 744	1 568	176	36	6 415	5 531
DEBOLT B	769	0.75	0.05	548	347	201	36	7 272	1 764
SLAVE POINT A	15 148	0.80	0.15	10 300	7 098	3 202	40	128 656	25 334
SLAVE POINT B	2 278	0.79	0.15	1 530	1 361	169	40	6 753	1 955
GILWOOD B	636	0.85	0.10	487	15	472	38	18 096	797
OTHER	1 278			840	273	567		21 256	
TOTAL-CRANBERRY	22 083			15 449	10 662	4 787		188 448	
CRANFORD 008-19W4									
TOTAL-CRANFORD	108			71	71				
CROOKED 069-23W4									
TOTAL-CROOKED	231			143	101	42		1 573	
CROSSFIELD 029-01W5									
BASAL QUARTZ A	1 397	0.95	0.19	1 075	1 061	14	40	557	3 993
BASAL QUARTZ C	1 916	0.70	0.15	1 140	952	188	40	7 432	912
BASAL QUARTZ G	476	0.90	0.15	364	317	47	41	1 929	150
BASAL QUARTZ K	456	0.90	0.15	349	184	165	41	6 684	748
BASAL QUARTZ M	2 065	0.80	0.25	1 239	539	700	39	27 230	1 740
BASAL QUARTZ N	922	0.85	0.15	666	537	129	40	5 112	732
BASAL QUARTZ O	1 043	0.85	0.15	754	539	215	40	8 536	1 106
ROCK CREEK A	115	0.65	0.10	68			39		200
RUNDLE A	31 235	0.92	0.13	25 000			40		12 366
ROCK CK A & RUNDLE A TOTAL	31 350	0.90	0.15	25 068	23 759	1 309	40	52 465	
RUNDLE B ASSOC	30 409	0.93	0.21	22 341 ^b	21 711 ^b	630	40	25 307	8 584
RUNDLE F	2 103	0.85	0.15	1 520	1 432	88	40	3 543	1 385
RUNDLE H	455	0.95	0.15	367	362	5	40	200	200

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.70	0.297	0.60	2 830	17	0.943	0.57	382.4	1966	1997	TALISMA TCPL PRODUCTION DECLINE
1.82	0.298	0.65	2 810	31	0.953	0.57	386.6	1962	1997	RENENER TCPL PRODUCTION DECLINE
2.22	0.286	0.65	2 540	16	0.950	0.56	355.6	1967	1996	CNRL PANALTA TCPL
6.17	0.269	0.80	2 570	18	0.950	0.56	371.2	1967	1990	TCPL MATERIAL BALANCE
2.54	0.310	0.70	3 140	22	0.941	0.56	433.4	1962	1998	PRODUCTION DECLINE
1.77	0.302	0.60	3 070	19	0.939	0.57	453.7	1981	1998	PRODUCTION DECLINE
1.20	0.285	0.60	3 070	19	0.939	0.57	446.6	1981	1998	PRODUCTION DECLINE
1.50	0.310	0.65	2 900	20	0.943	0.57	462.7	1996	1998	PRODUCTION DECLINE
1.00	0.320	0.60	2 930	20	0.943	0.57	468.5	1996	1998	PRODUCTION DECLINE
								1962	1998	RENENER TCPL
2.00	0.290	0.60	3 300	19	0.932	0.57	574.7	1987	1989	
0.50	0.210	0.35	3 300	21	0.938	0.56	569.3	1987	1989	
1.26	0.308	0.50	3 260	23	0.936	0.57	557.2	1986	1996	
0.90	0.280	0.50	3 340	20	0.934	0.57	578.2	1986	1989	
2.12	0.304	0.55	3 270	22	0.936	0.57	543.5	1986	1989	
1.78	0.310	0.50	3 060	21	0.941	0.57	508.4	1986	1994	
3.25	0.312	0.70	3 270	21	0.937	0.57	498.9	1986	1996	
1.50	0.330	0.55	3 270	25	0.941	0.57	513.3	1987	1989	
1.10	0.280	0.55	3 700	27	0.902	0.68	573.0	1987	1996	CNRL
								1986	1996	TALISMA AEC PANALTA TCPL MATERIAL BALANCE
2.50	0.266	0.70	2 880	24	0.947	0.56	523.9	1953	1996	SLUSH OIL
11.28	0.091	0.50	2 780	22	0.947	0.57	507.1	1961	1997	RENENER PANALTA CNRL AEC TCPL PRODUCTION DECLINE
4.12	0.246	0.55	3 100	24	0.944	0.57	589.9	1951	1992	MATERIAL BALANCE
4.60	0.300	0.60	3 280	21	0.938	0.57	514.8	1991	1992	MATERIAL BALANCE
								1951	1992	RENENER ALTAGAS IOL TALISMA CNFRST
										PANALTA POCO PROGAS SUMMIT TCPL
3.10	0.216	0.60	9 450	49	0.836	0.66	1 265.2	1978	1996	PROGAS CNFRST PANALTA QUEBEC SUMMIT
										PRODUCTION DECLINE
7.98	0.175	0.80	5 480	30	0.909	0.58	746.1	1973	1997	PANALTA PART OF BLSKY-DETR-DBLT NO.1
2.51	0.233	0.65	5 500	33	0.911	0.59	825.3	1980	1998	MATERIAL BALANCE
										TCPL PROGAS PRODUCTION DECLINE
										NONCOMMERCIAL OIL
5.88	0.068	0.70	21 270	77	0.809	0.83	2 219.4	1974	1997	UNPACF PROGAS PANALTA AMOCO SLUSH OIL
6.79	0.056	0.70	21 410	89	0.834	0.82	2 293.6	1980	1998	PROGAS AMOCO PRODUCTION DECLINE SLUSH OIL
4.07	0.128	0.55	21 500	92	0.907	0.64	2 320.9	1975	1996	PROGAS AMOCO
2.83	0.116	0.70	16 300	70	0.843	0.69	2 229.5	1957	1998	MOBIL CANOXY TCPL MATERIAL BALANCE
5.43	0.112	0.70	17 190	70	0.846	0.68	2 111.2	1966	1996	CANOXY TCPL PANCDN PRODUCTION DECLINE
4.10	0.106	0.70	26 210	78	0.860	0.80	2 573.7	1965	1993	MOBIL PRODUCTION DECLINE
1.10	0.132	0.80	27 540	85	0.880	0.81	2 627.1	1974	1996	CRESTAR AEL POCO GARDNER CANST AMOCO
										PRODUCTION DECLINE
8.75	0.111	0.70	16 840	70	0.800	0.76	2 102.3	1991	1998	MOBIL CANOXY TCPL PANCDN
7.52	0.121	0.60	16 350	69	0.838	0.70	2 133.7	1993	1997	MOBIL CANOXY PANCDN TCPL PRODUCTION
										DECLINE
8.73	0.114	0.55	17 010	69	0.821	0.74	2 085.0	1993	1995	MOBIL CANOXY PANCDN TCPL
3.60	0.140	0.80	14 850	75	0.851	0.66	2 523.0	1986	1996	
11.83	0.107	0.85	22 900	83	0.879	0.71	2 553.9	1956	1988	MATERIAL BALANCE PREVIOUS GAS CYCLING
								1956	1991	AEL POCO PANALTA MOBIL GARDNER TCPL PROGAS
										PREV GAS CYCLING, BLOWDOWN
20.72	0.070	0.80	21 120	71	0.847	0.72	2 261.8	1957	1998	TCPL CANOXY MATERIAL BALANCE GPP
7.61	0.111	0.75	22 720	83	0.874	0.72	2 503.7	1970	1996	MOBIL CNFRST MATERIAL BALANCE
12.65	0.115	0.90	22 900	79	0.860	0.75	2 560.2	1961	1997	PANALTA MOBIL TCPL MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CROSSFIELD 029-01W5 (CONTINUED)									
RUNDLE I	706	0.85	0.15	510	475	35	40	1 404	431
RUNDLE K	531	0.90	0.15	406	137	269	40	10 868	300
RUNDLE O	635	0.85	0.15	459	13	446	40	17 983	200
WABAMUN A	37 760	0.80	0.52	14 500	12 542	1 958	36	71 389	31 147
OTHER	5 459			1 880	850	1 030		40 668	
TOTAL-CROSSFIELD	117 683			72 638	65 410	7 228		281 307	
CROSSFIELD EAST 030-01W5									
ELKTON A SOLN	207	0.65	0.20	108 ^b			41		
ELKTON A ASSOC	1 756	0.90	0.12	1 390 ^b	879 ^b	619	41	25 299	964
ELKTON G SOLN	462	0.65	0.15	255 ^b			38		
ELKTON G ASSOC	730	0.80	0.10	526 ^b	399 ^b	382	38	14 478	266
ELKTON D ASSOC	1 675	0.95	0.12	1 400 ^b			42		1 004
ELKTON D SOLN	516	0.65	0.25	251 ^b			42		
ELKTON D TOTAL	2 191	0.90	0.15	1 651 ^b	553 ^b	1 098	42	46 072	
ELKTON H	891	0.85	0.15	643	159	484	40	19 433	200
WABAMUN A	35 338	0.80	0.55	12 722	11 944	778	36	28 164	28 515
OTHER	2 087			1 338	400	938		37 248	
TOTAL-CROSSFIELD EAST	43 662			18 633	14 334	4 299		170 694	
CRYSTAL 046-03W5									
VIKING A SOLN	1 833	0.30	0.20	440	384	56	42	2 326	
VIKING J	941	0.85	0.10	720	706	14	40	554	1 926
OTHER	346			201	132	69		2 585	
TOTAL-CRYSTAL	3 120			1 361	1 222	139		5 465	
CULP 079-24W5									
DEBOLT A	885	0.70	0.10	558			38		256
DEBOLT B	213	0.80	0.10	153			38		740
DEBOLT C	346	0.90	0.10	280			38		958
DEBOLT A, B & C TOTAL	1 444	0.75	0.10	991	83	908	38	34 404	
OTHER	1 333			871	95	776		26 691	
TOTAL-CULP	2 777			1 862	178	1 684		61 095	
CUTBANK 065-09W6									
FALHER A	617	0.90	0.10	500	464	36	39	1 397	250
FALHER B	1 133	0.75	0.55	383	336	47	39	1 851	250
FALHER C	844	0.90	0.10	684	607	77	39	2 968	500
OTHER	591			421	1	420		16 116	
TOTAL-CUTBANK	3 185			1 988	1 408	580		22 332	
CYGNET 037-28W4									
PEKISK0 A SOLN	637	0.65	0.20	331 ^b			41		
PEKISK0 A ASSOC	288	0.75	0.20	173 ^b	346 ^b	158	41	6 497	300
PEKISK0 B	580	0.85	0.10	444	62	382	40	15 146	200
OTHER	2 113			1 278	528	750		29 865	
TOTAL-CYGNET	3 618			2 226	936	1 290		51 508	
CYN-PEM 051-11W5									
ELLERSLIE A	203	0.75	0.10	137			40		653
ELLERSLIE D	152	0.75	0.10	103			40		150
ELLERSLIE F	28	0.75	0.10	19			40		32
ELLERSLIE G	16	0.75	0.10	11			40		32
ELLERSLIE H	23	0.75	0.10	15			40		150
ROCK CREEK A	2 998	0.75	0.15	1 912			39		6 177
ROCK CREEK A	171	0.75	0.10	115			39		400
ROCK CREEK E	136	0.75	0.10	92			41		641
ROCK CREEK H	93	0.70	0.10	59			40		200
ROCK CREEK O	183	0.75	0.10	123			40		200

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
9.39 11.20 17.70 10.46	0.087 0.090 0.110 0.050	0.60 0.80 0.75 0.85	20 880 22 810 23 270 25 030	80 74 78 74	0.866 0.852 0.867 0.751	0.70 0.74 0.73 0.87	2 325.0 2 504.9 2 563.5 2 599.9	1972 1951 1993 1954	1997 1994 1996 1995	POCO TCPL PRODUCTION DECLINE POCO PROGAS POCO PROGAS MOBIL CANOXY PANCDN TCPL PRODUCTION DECLINE
10.33	0.064	0.80	20 860	77	0.840	0.75	2 269.1	1960 1960	1994 1994	TCPL AMOCO MATERIAL BALANCE CONCURRENT PRODUCTION TCPL AMOCO MATERIAL BALANCE CONCURRENT PRODUCTION
13.74 9.96	0.107 0.096	0.90 0.85	22 050 20 910	76 77	0.866 0.823	0.71 0.76 0.76	2 315.7 2 316.5	1995 1995 1960 1960 1960	1998 1998 1992 1992 1994	GPP GPP MATERIAL BALANCE CONCURRENT PRODUCTION MATERIAL BALANCE CONCURRENT PRODUCTION AEL CANOXY TCPL AMOCO CONCURRENT PRODUCTION
19.25 10.33	0.129 0.057	0.90 0.85	20 430 24 870	74 85	0.840 0.726	0.75 0.97	2 279.2 2 663.1	1996 1959	1997 1997	AEL POCO RIGEL MOBIL BLUERGE CANOXY CDNFRST GARDNER TCPL AMOCO PANCDN PRODUCTION DECLINE
4.81	0.137	0.75	10 160	70	0.853	0.76 0.70	1 600.5	1978 1976	1998 1995	ENCAL PCOG CANOXY PANALTA CRESTAR POCO IOL CDNFRST PROGAS TCPL GPP ENCAL POCO PANALTA CANOXY CANST CRESTAR CDNFRST PROGAS PRODUCTION DECLINE
13.40 1.87 3.47	0.181 0.188 0.155	0.65 0.65 0.50	12 590 11 680 12 510	43 42 44	0.820 0.837 0.836	0.64 0.64 0.64	1 159.4 1 128.0 1 189.3	1976 1976 1976 1976	1991 1991 1991 1996	TALISMA
10.65 11.00 5.35	0.060 0.060 0.077	0.75 0.60 0.80	29 530 30 790 26 270	94 95 93	0.962 0.894 0.942	0.64 1.39 0.63	2 640.8 2 910.5 2 611.7	1990 1992 1981	1998 1998 1997	AEL TALISMA PROGAS AMOCO TCPL PRODUCTION DECLINE DEEP CUT SL CHEL TCPL PRODUCTION DECLINE DEEP CUT SL AEL TALISMA PANALTA PROGAS TCPL PRODUCTION DECLINE DEEP CUT SL
6.85 13.00	0.095 0.170	0.85 0.90	14 730 14 590	66 70	0.712 0.829	0.90 0.70	1 815.5 1 884.4	1985 1994	1996 1995	CRESTAR PANCDN PROGAS CONCURRENT PRODUCTION CRESTAR PANCDN PROGAS CONCURRENT PRODUCTION PANCDN TOP/BASE TVD
2.32 8.00 7.20 4.57 1.52 4.00 3.70 1.83 3.96 5.77	0.117 0.120 0.109 0.105 0.090 0.097 0.097 0.100 0.110 0.130	0.80 0.65 0.60 0.60 0.60 0.70 0.70 0.70 0.65 0.70	15 020 16 950 17 640 17 410 18 220 17 500 17 500 17 460 16 890 16 210	82 80 65 76 68 76 76 85 79 61	0.841 0.839 0.804 0.824 0.830 0.798 0.838 0.838 0.834 0.791	0.73 0.72 0.72 0.74 0.69 0.79 0.71 0.71 0.72 0.73	2 248.7 2 273.0 2 214.0 2 179.0 2 261.8 2 263.1 2 239.1 2 331.9 2 213.1 2 254.5	1978 1983 1979 1977 1974 1973 1973 1976 1979 1980	1995 1996 1996 1996 1996 1998 1994 1994 1994 1996	SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL SLUSH OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
CYN-PEM 051-11W5 (CONTINUED)									
ROCK CREEK P	340	0.75	0.15	217			39		1 257
ROCK CREEK O	56	0.75	0.10	38			40		428
ROCK CREEK R	27	0.75	0.10	18			40		200
ELRS & ROCK CK MU #2 TOTAL	4 426	0.75	0.15	2 859	2 037	822	40	32 477	
OTHER	3 895			2 062	439	1 623		64 915	
TOTAL-CYN-PEM	8 321			4 921	2 476	2 445		97 392	
CZAR 040-05W4									
TOTAL-CZAR	840			545	174	371		13 238	
DALEHURST 053-23W5									
TOTAL-DALEHURST	86			66		66		2 483	
DALEMEAD (SA) 022-27W4									
TOTAL-DALEMEAD	299			215		215		8 602	
DAPP 062-26W4									
TOTAL-DAPP	349			229	133	96		3 635	
DARWIN 094-18W5									
BLUESKY A	503	0.80	0.05	382	79	303	37	11 066	5 580
TOTAL-DARWIN	503			382	79	303		11 066	
DAVEY 034-27W4									
BELLY RIVER A	564	0.85	0.05	455	427	28	37	1 041	4 344
OTHER	1 378			787	291	496		19 100	
TOTAL-DAVEY	1 942			1 242	718	524		20 141	
DAWN (SA) 080-26W5									
TOTAL-DAWN	15			8		8		306	
DAWSON 080-16W5									
TOTAL-DAWSON	33			21		21		793	
DEADWOOD 091-23W5									
TOTAL-DEADWOOD	408			278	171	107		3 886	
DEANNE 038-11W5									
GLAUCONITIC A	957	0.90	0.10	775	392	383	41	15 630	450
OTHER	417			328	89	239		9 591	
TOTAL-DEANNE	1 374			1 103	481	622		25 221	
DECRENE 071-02W5									
UPPER MANNVILLE G		0.70	0.05				37		511
CLEARWATER A		0.80	0.05				37		4 374
CLEARWATER B		0.80	0.05				37		4 790
U MANN G, CLWT A & B TOTAL	1 480	0.80	0.05	1 125	1 080	45	37	1 682	
OTHER	805			503	230	273		10 176	
TOTAL-DECRENE	2 285			1 628	1 310	318		11 858	
DEEP 065-03W5									
ELLERSLIE A	492	0.65	0.05	304	240	64	38	2 401	2 115
OTHER	614			418	160	258		9 545	
TOTAL-DEEP	1 106			722	400	322		11 946	
DEER 024-07W4									
BELLY RIVER D	464	0.75	0.05	331	109	222	37	8 210	1 328
OTHER	1 173			736	148	588		21 662	
TOTAL-DEER	1 637			1 067	257	810		29 872	
DELIA 032-19W4									
BELLY RIVER A	2 400	0.65	0.05	1 482	1 390	92	37	3 387	7 359
OTHER	1 945			1 231	510	721		26 841	
TOTAL-DELIA	4 345			2 713	1 900	813		30 228	
DEMAY 048-19W4									
TOTAL-DEMAY	28			18	18				
DERWENT 054-07W4									
TOTAL-DERWENT	503			341	167	174		6 501	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.15 1.41 1.70	0.100 0.089 0.090	0.55 0.65 0.60	17 020 17 000 15 140	78 81 79	0.884 0.844 0.824	0.64 0.71 0.76	2 266.9 2 233.5 2 346.5	1977 1977 1991 1973	1996 1996 1996 1998	SLUSH OIL SLUSH OIL SLUSH OIL CRESTAR PANCDN CANOXY NRTHSTR CNRL ENGAGE TCPL PROGAS PANALTA SLUSH OIL
1.87	0.222	0.70	2 960	16	0.939	0.58	355.2	1996	1998	PROGAS IOL HUSKY NRTHSTR
3.76	0.183	0.60	4 090	43	0.932	0.61	1 124.2	1974	1997	PROGAS CWNGNUL TCPL PRODUCTION DECLINE
7.80	0.102	0.80	55 360	105	1.247	0.68	3 461.1	1983	1996	PANALTA UNPACF CDNFRST CWNGNUL PROGAS
1.37 3.43 1.95	0.340 0.279 0.278	0.60 0.65 0.60	3 140 4 340 4 280	18 30 23	0.938 0.924 0.919	0.56 0.57 0.57	416.7 543.7 550.9	1976 1976 1975 1975	1995 1995 1995 1998	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE CNRL PANALTA CANOXY CDNFRST AEC AMOCO
4.01	0.205	0.75	6 220	38	0.900	0.59	883.9	1976	1998	RENENER CNRL PRODUCTION DECLINE
6.17	0.335	0.55	2 930	15	0.941	0.56	350.5	1989	1997	ENGAGE GULF
4.96	0.250	0.55	3 060	27	0.946	0.57	641.6	1976	1996	RENENER UNPACF POCO PANALTA IOL TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
DESMARAIS 080-25W4									
WABISKAW D	640	0.80	0.05	486	473	13	37	482	1 377
OTHER	472			273	148	125		4 632	
TOTAL-DESMARAIS	1 112			759	621	138		5 114	
DEVENISH 075-08W4									
TOTAL-DEVENISH	499			239	121	118		4 300	
DEVIL 071-15W5									
TOTAL-DEVIL	206			137	78	59		2 217	
DEWBERRY 053-04W4									
TOTAL-DEWBERRY	315			207	50	157		5 657	
DIMSDALE 071-07W6									
PADDY A	3 200	0.90	0.03	2 794	2 442	352	38	13 545	1 712
OTHER	803			515	22	493		19 788	
TOTAL-DIMSDALE	4 003			3 309	2 464	845		33 333	
DINA 045-01W4									
TOTAL-DINA	440			288	1	287		10 371	
DINANT 047-19W4									
TOTAL-DINANT	437			290	65	225		8 225	
DIVIDE 082-13W4									
MCMURRAY A		0.55	0.05				37		400
MCMURRAY A		0.55	0.05				37		1 092
MCMURRAY A TOTAL	517	0.65	0.05	319	253	66			
OTHER	659			368	174	194		7 090	
TOTAL-DIVIDE	1 176			687	427	260		7 090	
DIXONVILLE 086-01W6									
BLUESKY A	687	0.70	0.05	457	419	38	37	1 399	905
BLUESKY B	123	0.70	0.05	82			37		1 917
GETHING A	838	0.75	0.05	598			37		2 624
BLUESKY B & GETHING A TOTAL	961	0.75	0.05	680	547	133	37	4 978	
OTHER	1 815			1 220	567	653		24 518	
TOTAL-DIXONVILLE	3 463			2 357	1 533	824		30 895	
DIZZY (SA) 121-20W5									
TOTAL-DIZZY	34			23		23		867	
DOBSON 029-09W4									
TOTAL-DOBSON	530			339	237	102		3 788	
DOE 082-12W6									
DOIG B	1 330	0.80	0.10	958	102	856	41	34 771	400
KISKATINAW A		0.95	0.05				38		387
KISKATINAW A		0.75	0.05				38		195
KISKATINAW A		0.65	0.05				38		579
KISKATINAW A TOTAL	445	0.85	0.05	359	351	8	38	306	
KISKATINAW B	1 412	0.85	0.05	1 140	752	388	38	14 853	607
OTHER	724			407	116	291		11 840	
TOTAL-DOE	3 911			2 864	1 321	1 543		61 770	
DOLCY 041-04W4									
TOTAL-DOLCY	323			205	28	177		6 161	
DONALDA 041-18W4									
VIKING A		0.74	0.05				37		2 540
VIKING C		0.74	0.05				37		5 908
VIKING D		0.74	0.05				36		525
VIKING A, C & D TOTAL	649	0.75	0.05	456	438	18	37	663	
LOWER MANNVILLE F	500	0.85	0.05	404	285	119	36	4 291	300
OTHER	3 607			2 369	869	1 500		55 871	
TOTAL-DONALDA	4 756			3 229	1 592	1 637		60 825	
DORENLEE 043-20W4									
TOTAL-DORENLEE	611			388	93	295		10 880	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.68	0.297	0.85	2 780	16	0.943	0.57	399.5	1994	1998	PRODUCTION DECLINE NONCOMMERCIAL OIL
8.26	0.206	0.80	10 480	52	0.870	0.59	1 358.1	1980	1996	POCO CRESTAR ENGAGE PANCDN IOL PRODUCTION DECLINE
1.95	0.280	0.75	2 020	15	0.958	0.56	448.0	1987	1997	PRODUCTION DECLINE
3.28	0.293	0.85	2 040	15	0.958	0.56	463.9	1987	1996	PRODUCTION DECLINE
								1987	1998	RENENER PANALTA CNFRST
1.67	0.250	0.55	8 230	30	0.867	0.58	784.5	1972	1998	AEL PRODUCTION DECLINE
0.72	0.211	0.65	6 160	27	0.895	0.57	727.9	1952	1994	
3.72	0.209	0.65	6 020	29	0.897	0.56	743.4	1952	1994	
								1952	1994	PROGAS PANALTA CWNGNUL
19.10	0.131	0.85	14 030	56	0.776	0.72	1 562.6	1995	1998	PROGAS
7.12	0.126	0.70	20 730	77	0.890	0.62	2 377.4	1965	1994	PRODUCTION DECLINE
4.72	0.150	0.85	21 490	71	0.884	0.62	2 391.3	1965	1994	
2.49	0.070	0.60	21 100	80	0.896	0.62	2 445.3	1965	1994	PRODUCTION DECLINE
								1965	1994	UNPACF
4.24	0.122	0.85	20 980	82	0.899	0.62	2 488.8	1989	1998	TALISMA DART PRODUCTION DECLINE
1.31	0.182	0.55	6 280	42	0.908	0.58	997.4	1960	1986	PRODUCTION DECLINE
2.05	0.206	0.60	6 280	42	0.908	0.58	1 005.7	1957	1986	PRODUCTION DECLINE
0.91	0.160	0.55	6 280	39	0.910	0.58	1 037.5	1960	1986	PRODUCTION DECLINE
								1957	1991	SIGNALT TCPL
4.40	0.296	0.60	8 740	50	0.885	0.61	1 085.4	1986	1996	SIGNALT MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
DORIS 063-06W5									
LOWER MANNVILLE D	1 494	0.80	0.10	1 076	620	456	38	17 155	3 832
OTHER	126			83	21	62		2 323	
TOTAL-DORIS	1 620			1 159	641	518		19 478	
DOUCETTE 078-02W5									
WABISKAW A	678	0.75	0.05	484	382	102	37	3 822	2 895
OTHER	459			253	137	116		4 278	
TOTAL-DOUCETTE	1 137			737	519	218		8 100	
DOWLING LAKE 032-15W4									
TOTAL-DOWLING LAKE	196			132	70	62		2 264	
DRIFTWOOD 077-22W4									
TOTAL-DRIFTWOOD	300			185		185		6 846	
DROWNED 076-22W4									
TOTAL-DROWNED	643			370	262	108		4 028	
DRUMHELLER 029-19W4									
MANNVILLE F SOLN	20	0.65	0.10	12 ^b			39		
MANNVILLE F ASSOC	412	0.90	0.10	334 ^b	345 ^b	1	39	39	1 267
MANNVILLE W	540	0.80	0.10	389	382	7	38	269	440
MANNVILLE CC	880	0.85	0.10	673	439	234	38	8 981	1 747
MANNVILLE G	639	0.85	0.10	489			39		1 607
MANNVILLE M	373	0.85	0.10	285			40		440
MANNVILLE G & M TOTAL	1 012	0.85	0.10	774	511	263	39	10 289	
UPPER MANNVILLE H	507	0.70	0.10	320	313	7	39	276	514
LOWER MANNVILLE E	461	0.90	0.10	374	359	15	40	594	276
OTHER	10 008			6 312	3 818	2 494		95 104	
TOTAL-DRUMHELLER	13 840			9 188	6 167	3 021		115 552	
DUHAMEL 045-21W4									
TOTAL-DUHAMEL	1 119			599	200	399		15 378	
DUNCAN 074-15W4									
MCMURRAY F	3 980	0.55	0.05	2 080	1 936	144	37	5 302	32 436
MCMURRAY G	554	0.65	0.05	342	302	40	37	1 491	2 133
MCMURRAY S	1 091	0.50	0.05	519	263	256	37	9 390	5 529
GROSMONT B	1 827	0.75	0.05	1 302	1 282	20	37	738	19 562
OTHER	3 519			1 806	765	1 041		38 565	
TOTAL-DUNCAN	10 971			6 049	4 548	1 501		55 486	
DUNVEGAN 081-04W6									
PEACE RIVER A	527	0.70	0.05	351	351	< 1	37	-	2 664
GETHING B	657	0.85	0.05	530	481	49	38	1 870	488
KISKATINAW C	659	0.85	0.05	532	394	138	38	5 270	600
DEBOLT H	2 554	0.70	0.10	1 609	141	1 468	39	56 621	1 335
DEBOLT A	4 598	0.80	0.10	3 310			39		11 058
DEBOLT B	20 847	0.80	0.10	15 010			39		14 170
DEBOLT C	12 677	0.80	0.10	9 128			39		11 179
DEBOLT D	177	0.75	0.10	120			39		200
DEBOLT D	38	0.80	0.10	27			39		200
DEBOLT D	232	0.80	0.10	167			39		200
DEBOLT D	184	0.80	0.10	132			39		200
DEBOLT D	134	0.80	0.10	96			39		200
ELKTON C	132	0.80	0.10	95			39		200
DEBOLT A,B,C & D TOTAL	39 019	0.80	0.10	28 085	20 549	7 536	39	291 116	
OTHER	7 579			5 244	1 344	3 900		147 331	
TOTAL-DUNVEGAN	50 995			36 351	23 260	13 091		502 208	
DUVERNAY 055-12W4									
VIKING A		0.40	0.05				37		26 867
VIKING M		0.40	0.05				37		1 780
VIKING A & M TOTAL	1 000	0.40	0.05	380	270	110	37	4 060	
COLONY B	1 680	0.60	0.05	958	15	943	37	35 287	4 920

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.43	0.209	0.65	8 350	52	0.873	0.65	1 159.4	1991	1998	TCPL RENENER PROGAS PANALTA
3.22	0.311	0.80	2 890	24	0.946	0.57	572.2	1973	1997	PANALTA PROGAS
						0.66		1950	1993	TALISMA TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
2.76	0.150	0.65	9 990	48	0.834	0.66	1 285.8	1950	1993	TALISMA TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
4.70	0.227	0.70	9 770	46	0.851	0.63	1 246.0	1973	1994	TCPL PRODUCTION DECLINE SLUSH OIL
3.84	0.198	0.65	9 910	52	0.851	0.65	1 311.2	1976	1996	ENRMARK CNRL PANALTA TCPL
2.56	0.227	0.65	9 870	47	0.833	0.67	1 291.1	1964	1997	
2.47	0.170	0.65	9 680	49	0.833	0.67	1 340.2	1969	1990	PRODUCTION DECLINE
								1964	1997	RENENER TCPL CAN88
4.16	0.157	0.60	9 700	50	0.838	0.66	1 345.6	1986	1998	TCPL RENENER PRODUCTION DECLINE
5.99	0.170	0.60	9 570	49	0.828	0.68	1 330.4	1974	1997	TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL
3.16	0.287	0.75	2 000	17	0.960	0.57	527.5	1971	1997	TCPL RENENER AEL CNFRST TALISMA PANALTA PRODUCTION DECLINE
2.52	0.305	0.75	2 000	16	0.959	0.56	487.2	1981	1998	PANALTA PRODUCTION DECLINE
4.05	0.301	0.80	2 020	22	0.962	0.58	511.2	1973	1997	TCPL AEL
9.89	0.129	0.30	2 050	24	0.962	0.57	579.5	1972	1998	TCPL AEL TALISMA PANALTA PRODUCTION DECLINE
3.64	0.265	0.70	2 240	19	0.957	0.56	452.6	1951	1998	DEEP CUT SL
2.97	0.240	0.80	9 030	41	0.864	0.60	913.9	1972	1994	AEL PCOG PANALTA MATERIAL BALANCE DEEP CUT SL
4.93	0.190	0.85	11 330	51	0.855	0.61	1 383.7	1995	1998	PROGAS AEL PRODUCTION DECLINE
10.30	0.161	0.75	14 570	52	0.829	0.63	1 503.9	1972	1994	AEL PCOG PANALTA PROGAS DEEP CUT SL
3.05	0.153	0.60	13 620	49	0.810	0.66	1 436.5	1963	1995	DEEP CUT SL
9.53	0.166	0.60	14 330	50	0.814	0.65	1 461.1	1963	1996	DEEP CUT SL
7.27	0.160	0.60	15 340	54	0.821	0.65	1 494.0	1952	1996	DEEP CUT SL, NONCOMMERCIAL OIL
9.10	0.130	0.65	11 190	57	0.840	0.67	1 552.8	1979	1996	TP/BS TVD, DPCT SL, AS WELL 13-12-80-3W6
1.20	0.150	0.65	15 910	57	0.834	0.63	1 549.0	1972	1996	DEEP CUT SL
6.70	0.150	0.70	15 910	56	0.835	0.63	1 537.3	1972	1996	DEEP CUT SL, AS WELL 01-29-080-03W6M
6.60	0.130	0.70	14 700	56	0.830	0.64	1 534.5	1972	1996	DEEP CUT SL, AS WELL 06-22-080-03W6M
5.50	0.120	0.60	16 390	56	0.835	0.63	1 525.3	1972	1996	DEEP CUT SL, AS WELL 04-32-080-03W6M
4.00	0.120	0.85	15 670	59	0.828	0.66	1 613.9	1972	1996	
								1952	1998	PCOG RIGEL PANALTA AEL AMOCO PROGAS DEEP CUT SL
0.69	0.215	0.50	3 140	24	0.941	0.58	468.5	1949	1998	PART OF VIK POOL NO.6 PRODUCTION DECLINE
0.95	0.201	0.50	3 290	19	0.935	0.58	437.0	1953	1998	PART OF VIK POOL NO.6 PRODUCTION DECLINE
								1949	1998	UNPACF CNRL PART OF VIK POOL NO.6
3.92	0.279	0.70	4 300	25	0.920	0.57	531.0	1972	1996	UNPACF CNRL PANALTA DIRECT CWMGNUL TCPL AMOCO

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
DUVERNAY 055-12W4 (CONTINUED)									
COLONY J	406	0.80	0.05	309	72	237	37	8 883	935
OTHER	5 916			3 942	2 225	1 717		63 866	
TOTAL-DUVERNAY	9 002			5 589	2 582	3 007		112 096	
DYBERG 044-23W4									
TOTAL-DYBERG	208			134	59	75		2 760	
DYSON (SA) 018-05W5									
TOTAL-DYSON	256			173		173		6 415	
EAGLE BUTTE 007-05W4									
TOTAL-EAGLE BUTTE	118			79	54	25		915	
EAGLESHAM 077-25W5									
DEBOLT E		0.75	0.10				39		739
DEBOLT G		0.75	0.10				39		808
DEBOLT J		0.80	0.10				39		581
DEBOLT M		0.75	0.10				39		757
DEBOLT E,G,J & M TOTAL	1 581	0.85	0.10	1 224	774	450	39	17 379	
DEBOLT A	420	0.75	0.10	284			38		777
DEBOLT C	322	0.90	0.10	261			38		200
DEBOLT H	277	0.75	0.10	187			38		200
DEBOLT N	149	0.75	0.10	101			38		50
DEBOLT O	50	0.50	0.10	23			38		100
DEBOLT A,C,H,N & O TOTAL	1 218	0.80	0.10	856	697	159	38	6 015	
OTHER	1 316			838	97	741		27 509	
TOTAL-EAGLESHAM	4 115			2 918	1 568	1 350		50 903	
EAGLESHAM NORTH 078-25W5									
TOTAL-EAGLESHAM NORTH	399			261	77	184		6 618	
EARRING 083-08W6									
TOTAL-EARRING	621			430	80	350		13 327	
EASTMONT 012-27W4									
UPPER MANNVILLE A	1 788	0.75	0.10	1 207			39		4 427
SUNBURST A	345	0.80	0.05	262			39		1 331
SWIFT A	180	0.70	0.05	120			36		200
UM A,SUNB A & SWFT A TOTAL	2 313	0.75	0.10	1 589	1 142	447	39	17 326	
OTHER	412			272	47	225		8 788	
TOTAL-EASTMONT	2 725			1 861	1 189	672		26 114	
EDBERG 044-19W4									
TOTAL-EDBERG	1 003			645	59	586		21 663	
EDGERTON 045-04W4									
COLONY E	385	0.85	0.05	311	228	83	35	2 927	1 580
OTHER	721			443	276	167		5 764	
TOTAL-EDGERTON	1 106			754	504	250		8 691	
EDMONTON (SA) 053-25W4									
TOTAL-EDMONTON	33			22		22		820	
EDRA (SA) 099-25W4									
TOTAL-EDRA	83			48		48		1 762	
EDSON 052-18W5									
CARDIUM K ASSOC	6	0.65	0.10	4b			42		64
CARDIUM K SOLN	2 365	0.65	0.11	1 368b			42		
CARDIUM P ASSOC	1	0.75	0.15	1b			41		200
CARDIUM&BLUESKY MU#1 TOTAL	2 372	0.65	0.10	1 373b	1 351b	22	42	925	
VIKING A	918	0.85	0.10	702	679	23	40	916	440
VIKING B	3 969	0.70	0.10	2 500	2 144	356	39	14 012	5 555
VIKING D	2 079	0.95	0.10	1 778	1 742	36	39	1 411	1 319
BLUESKY I	73	0.75	0.15	47			41		400
GETHING H	187	0.75	0.10	126			40		583
GETHING I	197	0.75	0.15	126			41		300
GETHING J	118	0.75	0.15	76			41		300
GETHING K	74	0.75	0.10	50			41		150

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.60	0.284	0.75	4 240	23	0.919	0.57	566.1	1977	1996	CNRL TCPL
3.10	0.225	0.75	15 650	48	0.807	0.65	1 393.0	1976	1997	PRODUCTION DECLINE
4.80	0.217	0.75	15 470	48	0.807	0.65	1 422.6	1952	1997	PRODUCTION DECLINE
6.94	0.090	0.70	16 760	53	0.807	0.68	1 574.0	1980	1997	PRODUCTION DECLINE
5.32	0.207	0.70	15 040	48	0.807	0.65	1 452.0	1952	1997	PRODUCTION DECLINE 5
3.72	0.182	0.75	14 450	47	0.798	0.68	1 370.3	1959	1997	CGGS PANALTA
15.70	0.163	0.65	19 840	54	0.834	0.67	1 464.0	1959	1998	PRODUCTION DECLINE SLUSH OIL
7.60	0.120	0.75	10 840	56	0.823	0.74	1 519.9	1959	1996	PRODUCTION DECLINE
9.10	0.150	0.65	10 030	52	0.843	0.68	1 407.3	1960	1997	PRODUCTION DECLINE
4.10	0.160	0.70	3 240	51	0.940	0.69	1 337.5	1960	1997	PRODUCTION DECLINE
								1959	1998	PANALTA
2.94	0.119	0.80	13 960	56	0.836	0.63	2 267.6	1980	1998	
2.24	0.119	0.70	13 810	58	0.853	0.61	2 345.5	1995	1998	
9.30	0.120	0.65	13 960	80	0.906	0.59	2 347.0	1997	1998	
								1980	1998	CRESTAR TCPL PROGAS CHEL CANST CNRL
2.67	0.310	0.70	4 040	25	0.928	0.60	609.3	1947	1996	AEL TCPL SLUSH OIL
0.85	0.138	0.80	10 670	70	0.818	0.74	1 950.5	1962	1998	SOLN MU-CARDIUM & BLSK MU#1, GPP
0.13	0.038	0.85	15 910	68	0.795	0.73	1 940.7	1962	1998	SOLN MU-CARDIUM & BLSK MU#1, GPP
								1972	1995	GPP
								1962	1998	CRESTAR PANALTA UNPACF NRTHSTR TALISMA
3.66	0.130	0.60	33 630	97	0.992	0.69	2 802.9	1974	1998	TCPL GPP
2.55	0.126	0.80	22 150	87	0.891	0.66	2 504.1	1973	1995	CONOCO TCPL PRODUCTION DECLINE DEEP CUT SL
3.77	0.163	0.75	21 540	87	0.894	0.63	2 453.3	1966	1997	CRESTAR RIOALTO ULSTER TALISMA PANALTA
1.00	0.124	0.75	19 950	81	0.819	0.77	2 403.3	1998	1998	TCPL PIONEER MATERIAL BALANCE
1.79	0.121	0.75	20 770	82	0.845	0.73	2 466.2	1997	1998	RIOALTO TCPL PIONEER PRODUCTION DECLINE
3.15	0.139	0.75	21 950	86	0.869	0.71	2 393.3	1997	1998	
2.00	0.115	0.80	22 430	84	0.839	0.76	2 499.3	1997	1998	
3.00	0.120	0.70	20 020	81	0.826	0.75	2 443.5	1998	1998	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
EDSON 052-18W5 (CONTINUED)									
ROCK CREEK E	647	0.85	0.05	523			38		2 135
BLSK I, GE HIJK&RKCK E TOTAL	1 296	0.80	0.10	948	22	926	39	36 364	
GETHING A	6 750	0.80	0.05	5 130	4 929	201	40	8 068	4 010
GETHING F	718	0.85	0.25	458	362	96	41	3 977	573
GETHING G	1 831	0.50	0.25	687	263	424	41	17 498	1 959
ELKTON A		0.85	0.10				39		45 516
SHUNDA A		0.75	0.10				39		440
SHUNDA B		0.75	0.15				39		440
ELK A, SHUN A & B TOTAL	56 470	0.85	0.10	43 200	41 971	1 229	39	47 390	
BLUERIDGE A	754	0.80	0.10	543	429	114	38	4 291	600
BLUERIDGE B	2 831	0.90	0.15	2 166	1 671	495	39	19 122	3 232
OTHER	5 393			2 991	822	2 169		87 716	
TOTAL-EDSON	85 381			62 476	56 385	6 091		241 690	
EDWARD 061-16W4									
COLONY F	52	0.65	0.05	32			37		598
GRAND RAPIDS S	84	0.70	0.05	56			38		883
GRAND RAPIDS EE	59	0.70	0.05	39			38		821
GRAND RAPIDS FF	217	0.70	0.05	144			38		1 606
GRAND RAPIDS HH	32	0.65	0.05	20			37		300
GRAND RAPIDS KK	20	0.80	0.05	15			37		100
GRAND RAPIDS LL	16	0.65	0.05	10			37		200
GRAND RAPIDS MM	60	0.80	0.05	46			37		200
CLEARWATER C	16	0.65	0.05	10			37		200
CLEARWATER D	16	0.65	0.05	10			37		200
GROSMONT C	50	0.60	0.05	29			37		300
GROSMONT D	8	0.55	0.05	4			37		200
GR RP, CLWT&GSMT MU#1 TOTAL	630	0.70	0.05	415	123	292	38	10 959	
GRAND RAPIDS H	571	0.70	0.05	380	314	66	37	2 460	1 039
GRAND RAPIDS A		0.51	0.05				38		1 102
GRAND RAPIDS C		0.50	0.05				37		1 795
GRAND RAPIDS D		0.50	0.05				38		200
GRAND RAPIDS F		0.50	0.05				38		254
GRAND RAPIDS A,C,D&F TOTAL	788	0.50	0.05	382	329	53	37	1 983	
NISKU A	583	0.60	0.05	333	121	212	37	7 878	1 207
NISKU D	1 240	0.60	0.05	707	668	39	37	1 446	1 895
OTHER	5 215			3 336	1 821	1 515		56 504	
TOTAL-EDWARD	9 027			5 553	3 376	2 177		81 230	
ELIZA 055-08W4									
TOTAL-ELIZA	864			549	312	237		8 830	
ELKWATER 008-03W4									
MR 19-008-03	1 002	0.50	0.05	476		476	36	17 126	200
SECOND WHITE SPECKS A	607	0.65	0.05	375	16	359	36	13 100	5 720
OTHER	1 243			889	12	877		31 812	
TOTAL-ELKWATER	2 852			1 740	28	1 712		62 038	
ELLERSLIE 051-24W4									
TOTAL-ELLERSLIE	40			24	24				
ELLS 096-16W4									
MCMURRAY A	832	0.50	0.05	395	215	180	37	6 572	3 639
MCMURRAY C	1 120	0.50	0.05	532	251	281	37	10 285	3 322
OTHER	132			63	46	17		624	
TOTAL-ELLS	2 084			990	512	478		17 481	
ELLSCOTT 064-21W4									
TOTAL-ELLSCOTT	856			576	293	283		10 624	
ELMWORTH 070-11W6									
DUNVEGAN B SOLN	298	0.65	0.25	146 ^b			40		
DUNVEGAN B ASSOC	470	0.75	0.25	265 ^b	81 ^b	330	40	13 157	1 443
DUNVEGAN D	669	0.85	0.15	484	126	358	40	14 202	1 498
CADOTTE C		0.75	0.10				39		8 112
FALHER A-34		0.75	0.15				38		250
FALHER D-7		0.75	0.15				40		3 666
CDOT C, FALH A-34&D-7 TOTAL	439	0.80	0.10	317	92	225	39	8 874	
FALHER A-13	469	0.75	0.10	317			39		994

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.52	0.100	0.65	21 160	87	0.903	0.65	2 480.5	1997	1998	POCO
11.41	0.116	0.75	22 900	83	0.864	0.73	2 540.7	1997	1998	CRESTAR TALISMA TCPL MATERIAL BALANCE
0.83	0.129	0.85	31 100	94	0.946	0.73	2 990.4	1987	1995	CONOCO TCPL PRODUCTION DECLINE
3.35	0.122	0.80	40 230	105	1.059	0.71	3 065.6	1989	1996	NONCOMMERCIAL OIL, DEEP CUT SL
6.30	0.100	0.85	26 600	89	0.936	0.66	2 844.9	1962	1997	CONOCO DEEP CUT SL
4.88	0.034	0.75	26 780	109	0.962	0.65	2 982.1	1964	1981	PRODUCTION DECLINE
4.88	0.040	0.80	26 810	103	0.955	0.65	3 027.7	1964	1981	PRODUCTION DECLINE
5.35	0.085	0.90	28 100	123	0.991	0.61	3 601.9	1981	1998	CRESTAR CONOCO UNPACF TALISMA TCPL
3.70	0.067	0.75	30 320	104	0.966	0.68	3 023.6	1978	1997	CONWEST CHEL HUSKY PRODUCTION DECLINE
										WASCANA TALISMA PROGAS PRODUCTION DECLINE
1.55	0.304	0.55	3 260	22	0.939	0.56	521.4	1985	1986	
1.73	0.280	0.55	3 440	22	0.932	0.57	569.1	1977	1989	
1.43	0.308	0.50	3 130	20	0.937	0.57	517.3	1978	1997	
2.56	0.268	0.60	3 160	20	0.935	0.58	557.0	1985	1994	
1.80	0.336	0.55	3 160	21	0.939	0.57	519.0	1985	1990	
3.40	0.320	0.55	3 200	21	0.939	0.56	513.0	1989	1996	
1.52	0.296	0.55	3 130	20	0.938	0.57	510.5	1977	1997	
3.00	0.280	0.50	6 560	23	0.879	0.57	566.0	1985	1991	
1.22	0.270	0.65	3 790	30	0.932	0.58	639.5	1978	1979	
1.22	0.280	0.60	3 790	30	0.932	0.58	622.4	1978	1979	
4.80	0.123	0.60	4 620	32	0.923	0.57	663.2	1977	1989	
2.60	0.100	0.55	2 730	23	0.949	0.56	619.7	1986	1989	
1.55	0.329	0.60	3 700	22	0.930	0.57	541.3	1973	1997	PANALTA IOL CNRL
1.04	0.292	0.60	3 710	23	0.929	0.57	530.9	1951	1997	CNRL TCPL PRODUCTION DECLINE
2.35	0.300	0.65	3 690	20	0.927	0.58	528.8	1951	1997	PRODUCTION DECLINE
2.40	0.290	0.70	3 710	22	0.927	0.58	539.4	1951	1997	PRODUCTION DECLINE
0.83	0.300	0.65	3 710	22	0.927	0.58	534.8	1951	1997	PRODUCTION DECLINE
3.83	0.160	0.75	3 440	23	0.936	0.56	649.9	1951	1997	RENENER CNRL LOMALTA TCPL
13.12	0.154	0.80	3 440	24	0.936	0.57	671.8	1972	1983	CNRL LOMALTA TCPL PRODUCTION DECLINE
								1972	1996	PANALTA CNRL TCPL MATERIAL BALANCE
95.00	0.170	0.55	5 480	30	0.912	0.58	768.5	1989	1995	PROGAS
2.12	0.188	0.50	5 330	38	0.916	0.60	974.8	1970	1992	PROGAS CRESTAR
3.73	0.291	0.75	860	9	0.981	0.58	301.7	1989	1998	AEL PANALTA PROGAS PRODUCTION DECLINE
3.14	0.295	0.75	870	7	0.981	0.58	243.1	1989	1998	AEL PANALTA PROGAS PRODUCTION DECLINE
3.48	0.179	0.60	7 680	43	0.794	0.78	1 232.4	1988	1998	AEL PCOG WASCANA CANST PROGAS AEC DEEP CUT SL, GPP
4.11	0.156	0.70	9 380	48	0.835	0.66	1 326.6	1978	1998	AEL PCOG WASCANA CANST PROGAS AEC DEEP CUT SL, GPP
3.89	0.113	0.75	12 770	64	0.865	0.61	1 648.8	1978	1998	TCPL PANALTA DEEP CUT SL
5.00	0.090	0.75	13 060	64	0.854	0.64	1 774.3	1997	1998	PRODUCTION DECLINE DEEP CUT SL
2.64	0.078	0.70	13 630	66	0.837	0.66	1 841.1	1978	1998	PRODUCTION DECLINE DEEP CUT SL
2.98	0.097	0.65	16 120	66	0.854	0.62	1 829.4	1978	1998	TCPL PANALTA CHEL CNRL DEEP CUT SL
								1980	1997	PRODUCTION DECLINE DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ELMWORTH 070-11W6 (CONTINUED)									
GETHING C	65	0.75	0.05	47			38		150
GETHING D	69	0.75	0.10	47			38		150
FALH A-13, GETH C & D TOTAL	603	0.75	0.10	411	235	176	39	6 855	
FALHER A-22	562	0.90	0.15	430	94	336	40	13 299	500
FALHER A-27	875	0.75	0.15	558	509	49	40	1 944	500
FALHER B-12	1 018	0.85	0.15	735	694	41	39	1 611	1 471
DUNVEGAN A	570	0.70	0.15	339			40		1 347
DUNVEGAN I	102	0.75	0.20	62			40		200
CADOTTE A	4 694	0.60	0.10	2 534			39		14 771
CADOTTE D	878	0.60	0.10	474			39		2 745
CADOTTE E	35	0.75	0.20	21			41		200
CADOTTE F	89	0.75	0.10	60			39		200
CADOTTE G	55	0.75	0.10	37			39		200
CADOTTE I	86	0.70	0.05	57			37		200
CADOTTE J	73	0.75	0.05	52			37		200
CADOTTE K	34	0.70	0.10	22			39		200
CADOTTE M	25	0.75	0.10	17			39		200
CADOTTE N	65	0.75	0.10	44			39		200
FALHER A-1	10 048	0.85	0.15	7 260			40		35 299
FALHER A-2	2 795	0.85	0.15	2 020			40		12 853
FALHER A-4	303	0.85	0.15	219			40		1 818
FALHER A-5	373	0.70	0.15	222			39		3 950
FALHER A-7	206	0.75	0.15	132			39		2 279
FALHER A-10	9 610	0.85	0.15	6 944			39		24 238
FALHER A-16	134	0.75	0.15	86			39		1 245
FALHER A-21	91	0.75	0.15	58			40		250
FALHER B-1	3 668	0.85	0.15	2 650			39		13 468
FALHER B-2	836	0.85	0.15	604			39		2 026
FALHER B-3	3 685	0.85	0.10	2 819			39		8 891
FALHER B-4	4 466	0.85	0.15	3 227			39		12 432
FALHER B-9	1 441	0.85	0.15	1 041			40		5 894
FALHER B-13	72	0.75	0.15	46			39		250
FALHER B-14	165	0.85	0.15	119			39		700
FALHER B-15	295	0.75	0.05	210			40		1 072
FALHER B-16	211	0.75	0.20	126			39		500
FALHER C-2	56	0.75	0.15	36			40		250
FALHER C-3	43	0.80	0.20	27			38		250
FALHER D-2	747	0.85	0.10	572			39		2 650
FALHER D-3	32	0.75	0.15	20			39		250
FALHER D-5	37	0.70	0.05	25			38		250
FALHER D-6	68	0.70	0.10	43			38		500
BLUESKY A	197	0.70	0.25	104			42		400
GETHING A	48	0.50	0.10	22			38		150
CADOMIN A	8 286	0.70	0.15	4 930			38		29 315
FT ST JOHN & BLHD MU#1 TOTAL	54 619	0.80	0.15	37 281	25 976	11 305	39	442 365	
CADOMIN E	103	0.80	0.10	74			40		150
NIKANASSIN C	354	0.90	0.10	287			40		200
CADM E & NIKA C TOTAL	457	0.90	0.10	361	9	352	40	13 960	
NIKANASSIN B	425	0.85	0.05	343	1	342	37	12 791	200
NIKA 34-069-13	447	0.85	0.05	361		361	38	13 787	200
HALFWAY A	900	0.70	0.25	473		473	36	16 976	2 086
HALFWAY B	494	0.85	0.20	336	289	47	41	1 934	1 110
OTHER	13 270			8 922	3 066	5 856		226 245	
TOTAL-ELMWORTH	75 546			51 423	31 172	20 251		788 000	
ELNORA 035-22W4									
UPPER MANNVILLE A	671	0.75	0.05	478			38		4 735
LOWER MANNVILLE A	324	0.90	0.10	263			40		3 327
U MANN A & L MANN A TOTAL	995	0.80	0.05	741	712	29	38	1 116	
LOWER MANNVILLE F	397	0.85	0.10	303	44	259	40	10 321	450
OTHER	2 558			1 512	712	800		30 645	
TOTAL-ELNORA	3 950			2 556	1 468	1 088		42 082	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.40	0.140	0.80	17 500	78	0.881	0.63	2 244.8	1995	1997	DEEP CUT SL
3.80	0.120	0.60	18 240	78	0.882	0.63	2 263.1	1995	1998	DEEP CUT SL
8.05	0.116	0.75	15 690	61	0.832	0.64	1 689.9	1980	1998	TCPL PROGAS AEL PANALTA HUSKY DEEP CUT SL
4.75	0.092	0.65	14 430	59	0.827	0.65	1 678.1	1979	1996	PROGAS DEEP CUT SL
4.71	0.080	0.60	15 320	69	0.854	0.63	1 883.5	1983	1998	CRESTAR ULSTER TCPL PANALTA PRODUCTION
2.77	0.156	0.55	10 100	52	0.831	0.67	1 428.2	1979	1997	DECLINE DEEP CUT SL
6.50	0.130	0.55	10 340	54	0.816	0.69	1 467.1	1977	1996	TCPL PRODUCTION DECLINE DEEP CUT SL
4.03	0.096	0.65	13 030	66	0.865	0.62	1 863.8	1977	1996	PART OF CDM POOL NO.1 PRODUCTION DECLINE
4.07	0.097	0.65	12 700	64	0.860	0.63	1 803.3	1977	1996	DEEP CUT SL
3.15	0.073	0.60	13 210	78	0.853	0.67	1 982.8	1978	1995	PART OF CDM POOL NO.1 DEEP CUT SL
8.50	0.060	0.60	15 270	70	0.867	0.62	1 934.9	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
6.50	0.070	0.50	13 250	77	0.886	0.60	1 900.8	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL
5.50	0.090	0.75	12 910	76	0.907	0.56	2 106.0	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.10	0.100	0.75	17 250	74	0.902	0.56	2 049.5	1989	1996	PART OF CDM POOL NO.1 DEEP CUT SL
2.10	0.090	0.75	12 910	78	0.881	0.63	2 056.9	1992	1995	PART OF CDM POOL NO.1 TOP/BASE TVD, DEEP
1.20	0.100	0.75	14 100	66	0.858	0.63	1 825.1	1987	1995	CUT SL
4.10	0.090	0.65	13 670	64	0.855	0.63	1 938.0	1976	1998	PART OF CDM POOL NO.1 DEEP CUT SL
4.26	0.071	0.65	14 940	71	0.853	0.64	1 997.3	1986	1998	PART OF CDM POOL NO.1 DEEP CUT SL
2.97	0.070	0.70	15 400	71	0.852	0.65	2 117.7	1970	1993	PART OF CDM POOL NO.1 DEEP CUT SL
2.44	0.065	0.70	15 470	71	0.852	0.65	2 071.3	1977	1991	PART OF CDM POOL NO.1 DEEP CUT SL
1.81	0.060	0.60	14 800	69	0.849	0.64	1 998.5	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
1.64	0.064	0.60	14 090	64	0.828	0.68	1 922.1	1976	1996	PART OF CDM POOL NO.1 DEEP CUT SL
5.13	0.077	0.70	15 030	72	0.864	0.63	2 065.7	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
2.65	0.056	0.50	15 560	76	0.871	0.63	2 248.6	1977	1996	NONCOMMERCIAL OIL
3.40	0.110	0.70	14 380	71	0.854	0.65	1 819.0	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.85	0.078	0.65	14 130	67	0.847	0.65	1 918.0	1980	1996	PART OF CDM POOL NO.1 DEEP CUT SL
4.99	0.102	0.55	15 150	69	0.855	0.62	1 883.7	1955	1995	PART OF CDM POOL NO.1 DEEP CUT SL
6.12	0.080	0.65	13 550	69	0.865	0.62	1 851.9	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL
4.57	0.079	0.65	15 630	69	0.849	0.65	2 057.2	1977	1996	PART OF CDM POOL NO.1 DEEP CUT SL
4.19	0.066	0.65	14 950	77	0.869	0.63	2 127.0	1978	1997	PART OF CDM POOL NO.1 PRODUCTION DECLINE
5.10	0.060	0.60	16 950	82	0.871	0.64	2 019.5	1978	1996	DEEP CUT SL
2.76	0.100	0.65	13 640	69	0.861	0.62	1 937.1	1979	1996	PART OF CDM POOL NO.1 DEEP CUT SL
4.48	0.073	0.60	15 310	82	0.876	0.63	2 264.3	1955	1996	PART OF CDM POOL NO.1 DEEP CUT SL
5.55	0.065	0.75	15 410	73	0.811	0.75	2 114.9	1978	1997	PART OF CDM POOL NO.1 DEEP CUT SL
3.09	0.080	0.60	15 600	71	0.852	0.63	2 034.0	1980	1993	PART OF CDM POOL NO.1 DEEP CUT SL
1.50	0.080	0.70	22 850	85	0.878	0.72	2 103.8	1977	1988	PART OF CDM POOL NO.1 DEEP CUT SL
2.97	0.096	0.65	15 340	66	0.846	0.63	1 959.3	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
1.83	0.070	0.70	14 550	70	0.857	0.63	2 016.0	1978	1996	PART OF CDM POOL NO.1 DEEP CUT SL
3.00	0.060	0.70	13 450	84	0.902	0.60	2 392.0	1978	1998	PART OF CDM POOL NO.1 DEEP CUT SL
3.05	0.055	0.60	15 170	85	0.897	0.61	2 316.0	1979	1994	PART OF CDM POOL NO.1 DEEP CUT SL
3.75	0.093	0.65	24 100	88	0.873	0.71	2 501.8	1979	1992	PART OF CDM POOL NO.1 DEEP CUT SL
3.00	0.090	0.60	25 160	103	0.957	0.60	2 605.4	1978	1991	PART OF CDM POOL NO.1 DEEP CUT SL
4.84	0.051	0.70	18 420	88	0.887	0.65	2 520.9	1981	1991	PART OF CDM POOL NO.1 DEEP CUT SL
4.40	0.130	0.65	18 750	72	0.838	0.69	2 012.0	1977	1990	AEL PCOG WASCANA CNRL TCPL PROGAS PANALTA
10.00	0.120	0.80	18 750	72	0.838	0.69	2 029.5	1955	1998	HUSKY CHEL AMOCO PART OF CDM POOL NO.1
7.80	0.180	0.90	18 260	78	0.880	0.64	2 265.0	1982	1996	DEEP CUT SL
16.00	0.100	0.70	23 160	85	0.921	0.62	2 665.7	1982	1996	DEEP CUT SL
3.16	0.078	0.70	29 750	89	0.935	0.70	2 642.0	1982	1995	PROGAS DEEP CUT SL
2.78	0.111	0.70	24 130	101	0.891	0.73	2 317.5	1981	1994	TCPL DEEP CUT SL
1.37	0.185	0.70	8 200	56	0.888	0.62	1 535.7	1981	1994	TCPL DEEP CUT SL
1.78	0.161	0.65	9 000	62	0.854	0.69	1 537.2	1978	1997	WASCANA PROGAS TCPL AMOCO
6.18	0.159	0.75	11 850	65	0.832	0.69	1 609.0	1978	1997	PCOG PROGAS DEEP CUT SL
								1988	1996	CRESTAR PENWEST CANST TCPL
										CRESTAR PANALTA PROGAS RENENER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
EMPRESS 024-02W4 TOTAL-EMPRESS	295			197	13	184		6 710	
ENCHANT 014-16W4 BASAL COLORADO A	984	0.85	0.05	794	709	85	38	3 191	3 641
UPPER MANNVILLE A	767	0.75	0.10	518	503	15	37	556	2 598
UPPER MANNVILLE E	1 190	0.85	0.05	961	562	399	37	14 735	5 282
UPPER MANNVILLE L	451	0.90	0.10	365		365	37	13 472	1 713
LIVINGSTONE G	450	0.90	0.10	365	25	340	36	12 335	200
OTHER	11 690			6 438	2 658	3 780		137 210	
TOTAL-ENCHANT	15 532			9 441	4 457	4 984		181 499	
ENDIANG 035-16W4 UPPER MANNVILLE C	676	0.65	0.10	395	373	22	39	850	1 976
OTHER	655			432	193	239		8 842	
TOTAL-ENDIANG	1 331			827	566	261		9 692	
ENTICE 028-24W4 BELLY RIVER B		0.90	0.05				37		3 359
BELLY RIVER K		0.90	0.05				36		7 167
BELLY RIVER L		0.50	0.05				37		785
BELLY RIVER P		0.80	0.05				37		1 247
BELLY RIVER R		0.50	0.05				37		250
BELLY RIVER T		0.50	0.05				37		750
BELLY RIVER GG		0.50	0.05				36		250
BELLY RIVER HH		0.55	0.05				37		250
BELLY RIVER MU#1 TOTAL	2 309	0.85	0.05	1 843	1 650	193		7 050	
OTHER	1 437			793	430	363		13 275	
TOTAL-ENTICE	3 746			2 636	2 080	556		20 325	
ENTWISTLE 054-06W5 TOTAL-ENTWISTLE	82			51		51		1 980	
ERSKINE 039-20W4 BLAIRMORE		0.80	0.10				39		433
BLAIRMORE		0.80	0.10				40		851
BLAIRMORE TOTAL	1 175	0.80	0.10	846	644	202	39	7 823	
D-3 SOLN	582	0.65	0.50	189 ^b			37		
D-3 ASSOC	1 063	0.85	0.15	768 ^b	743 ^b	214	37	7 882	1 106
OTHER	5 016			3 110	1 445	1 665		63 768	
TOTAL-ERSKINE	7 836			4 913	2 832	2 081		79 473	
ESTHER 031-02W4 BELLY RIVER A	460	0.75	0.05	328	322	6	37	221	6 270
VIKING A ASSOC	1 396	0.80	0.10	1 006 ^b	15 ^b	991	37	36 637	9 471
UPPER MANNVILLE A	534	0.80	0.05	406	335	71	37	2 626	1 922
BANFF A	972	0.90	0.05	831	809	22	38	831	400
OTHER	2 333			1 489	714	775		28 834	
TOTAL-ESTHER	5 695			4 060	2 195	1 865		69 149	
ESTUARY 023-22W4 MEDICINE HAT A		0.60	0.05				36		9 518
SE ALTA GAS SYS (MU) TOTAL	867	0.60	0.05	494	306	188	36	6 856	
OTHER	559			336	101	235		8 889	
TOTAL-ESTUARY	1 426			830	407	423		15 745	
ETHEL 067-08W5 TOTAL-ETHEL	98			58		58		2 259	
ETHEL LAKE 065-03W4 GRAND RAPIDS A	400	0.83	0.05	315	279	36	38	1 350	774
OTHER	923			460	321	139		5 152	
TOTAL-ETHEL LAKE	1 323			775	600	175		6 502	
ETZIKOM 006-08W4 BOW ISLAND A	1 936	0.75	0.05	1 379	1 365	14	37	513	5 066

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.57	0.206	0.65	8 770	30	0.830	0.65	874.2	1968	1998	CRESTAR MARATHN UNPACF CANOXY TCPL AMOCO PRODUCTION DECLINE
1.24	0.190	0.65	10 470	30	0.803	0.67	1 012.3	1953	1996	CRESTAR NRTHSTR PANCDN DIRECT TCPL AMOCO PRODUCTION DECLINE
1.38	0.203	0.65	10 840	30	0.822	0.62	996.7	1966	1995	CONWEST PROGAS UNPACF CRESTAR PANALTA TCPL IOL
1.80	0.208	0.60	10 510	37	0.822	0.67	986.2	1966	1994	CRESTAR PANALTA TCPL
24.00	0.090	0.80	11 080	29	0.802	0.67	979.8	1987	1994	CANST
3.42	0.193	0.60	8 020	38	0.849	0.64	1 186.6	1975	1997	TCPL PANCDN BEAU POCO CONFRST RANGER
7.14	0.228	0.55	2 960	30	0.948	0.58	791.6	1969	1998	PRODUCTION DECLINE
2.82	0.215	0.55	3 240	29	0.942	0.59	821.7	1969	1998	PRODUCTION DECLINE
2.14	0.220	0.65	5 890	31	0.902	0.58	818.4	1974	1998	PRODUCTION DECLINE INCLUDES BELLY RIVER T RESERVES
5.71	0.235	0.60	2 960	35	0.952	0.57	741.4	1974	1998	PRODUCTION DECLINE
4.60	0.170	0.50	4 360	26	0.921	0.57	645.0	1977	1998	PRODUCTION DECLINE
1.81	0.222	0.65	6 060	32	0.905	0.57	830.8	1977	1998	PRODUCTION DECLINE RESERVES CARRIED ON BELLY RIVER L
4.00	0.200	0.50	4 510	26	0.920	0.57	661.8	1977	1998	PRODUCTION DECLINE
6.10	0.200	0.65	3 210	29	0.944	0.57	785.0	1976	1998	PRODUCTION DECLINE
								1969	1998	PANCDN CWNGNUL
2.87	0.178	0.65	9 650	50	0.845	0.66	1 354.9	1952	1980	PRODUCTION DECLINE NONCOMMERCIAL OIL
6.59	0.157	0.70	9 600	57	0.839	0.69	1 352.5	1952	1981	PRODUCTION DECLINE NONCOMMERCIAL OIL
						0.74		1952	1981	CNRL TCPL
9.41	0.075	0.85	15 340	60	0.818	0.74	1 631.5	1952	1994	CNRL TCPL CONCURRENT PRODUCTION
								1952	1994	CNRL TCPL CONCURRENT PRODUCTION
1.48	0.287	0.65	2 320	12	0.952	0.56	247.5	1956	1996	PENWEST IOL CANOR CRESTAR POCO TCPL SASKEN PROGAS PRODUCTION DECLINE
1.81	0.218	0.55	6 490	35	0.885	0.63	697.6	1969	1995	PENWEST RENENER CANOR CRESTAR POCO GPP
2.04	0.282	0.60	7 410	27	0.872	0.58	750.1	1969	1997	PENWEST SASKEN CRESTAR
5.81	0.190	0.70	8 130	29	0.854	0.59	849.8	1957	1995	CANOR PROGAS PRODUCTION DECLINE
1.13	0.150	0.55	4 310	31	0.929	0.56	862.8	1904	1998	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
								1904	1998	PANCDN ENGAGE CRESTAR
3.38	0.302	0.70	2 140	10	0.952	0.57	363.3	1973	1998	PANALTA IOL MATERIAL BALANCE
3.22	0.227	0.50	5 550	25	0.896	0.60	681.4	1951	1996	CTYMEDH MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ETZIKOM 006-08W4 (CONTINUED)									
OTHER	209			147	67	80		2 802	
TOTAL-ETZIKOM	2 145			1 526	1 432	94		3 315	
EUREKA 088-03W6									
TOTAL-EUREKA	89			65	49	16		600	
EVI 087-13W5									
TOTAL-EVI	679			307	108	199		6 692	
EWING LAKE 037-21W4									
TOTAL-EWING LAKE	406			206	164	42		1 559	
EXCELSIOR 056-24W4									
MANNVILLE A SOLN	54	0.65	0.35	23b			38		
MANNVILLE A ASSOC	647	0.75	0.10	437b	413b	47	38	1 780	780
OTHER	1 072			442	257	185		6 898	
TOTAL-EXCELSIOR	1 773			902	670	232		8 678	
EXPANSE 088-04W6									
TOTAL-EXPANSE	488			308	86	222		8 242	
EYEHILL 041-06W4									
TOTAL-EYEHILL	48			32		32		1 149	
EYREMORE 018-18W4									
BOW ISLAND A	713	0.80	0.05	542	512	30	36	1 083	2 788
OTHER	1 867			1 214	441	773		28 565	
TOTAL-EYREMORE	2 580			1 756	953	803		29 648	
FAIRYDELL-BON ACCORD 057-24W4									
UPPER VIKING A	1 033	0.30	0.04	298			38		12 165
UPPER VIKING C		0.70	0.04				38		200
MIDDLE VIKING A	3 125	0.95	0.04	2 850			38		9 604
MIDDLE VIKING B	454	0.90	0.04	393			38		1 660
U VIK AC & M VIK AB TOTAL	4 612	0.80	0.05	3 541	3 510	31	38	1 167	
BASAL MANNVILLE C SOLN	96	0.65	0.10	56b			36		
BASAL MANNVILLE C ASSOC	604	0.90	0.05	517b	455b	118	36	4 265	296
BASAL MANNVILLE A ASSOC		0.65	0.10				37		1 053
BASAL MANNVILLE A SOLN	11	0.65	0.10	6b			37		
BASAL MANNVILLE A ASSOC		0.80	0.10				37		40
BASAL MANNVILLE A TOTAL	524	0.75	0.10	353b	327b	26	37	974	
OTHER	1 111			638	264	374		14 160	
TOTAL-FAIRYDELL-BON ACCORD	6 947			5 105	4 556	549		20 566	
FARMINGTON 080-11W6									
KISKATINAW A	1 010	0.85	0.05	816	482	334	37	12 522	400
KISKATINAW B	559	0.85	0.05	451	352	99	38	3 715	400
OTHER	500			345	117	228		8 801	
TOTAL-FARMINGTON	2 069			1 612	951	661		25 038	
FARRELL 034-16W4									
TOTAL-FARRELL	481			310	141	169		6 406	
FARROW 020-24W4									
TOTAL-FARROW	1 988			1 151	325	826		31 105	
FAWCETT (SA) 075-21W4									
TOTAL-FAWCETT	60			34		34		1 265	
FENN WEST 036-20W4									
TOTAL-FENN WEST	2 224			1 223	642	581		22 181	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
7.83	0.219	0.75	7 580	33	0.873	0.62 0.62	1 062.5	1949 1949	1997 1997	CWNGNUL PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED CWNGNUL PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
2.84	0.202	0.45	7 180	35	0.893	0.58	949.9	1953	1996	PROGAS PANCDN BEAU UNPACF ENGAGE CRESTAR PANALTA TCPL RENENER PRODUCTION DECLINE
1.41	0.224	0.50	5 110	30	0.906	0.59	800.5	1947	1991	PART OF VIK POOL NO.1 PRODUCTION DECLINE NONCOMMERCIAL OIL
1.50	0.240	0.50	5 710	29	0.893	0.60	754.1	1961	1988	PART OF VIK POOL NO.1 RESERVES CARRIED ON MID VIK B
2.90	0.199	0.40	5 820	30	0.892	0.60	807.5	1950	1991	PART OF VIK POOL NO.1 PRODUCTION DECLINE
2.34	0.224	0.50	5 020	29	0.899	0.61	776.7	1947	1991	PART OF VIK POOL NO.1 PRODUCTION DECLINE INCLUDES UPPER VIK C RESERVES
								1947	1991	RENENER PROGAS CANST CWNGNUL CNWE PART OF VIK POOL NO.1 NONCOMMERCIAL OIL
						0.64		1965	1991	PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
6.22	0.215	0.75	7 310	42	0.887	0.64	1 054.9	1965	1991	PANALTA PRODUCTION DECLINE CONCURRENT PRODUCTION
5.51	0.202	0.55	7 070	43	0.895	0.63	1 028.1	1951	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
3.20	0.200	0.65	6 760	39	0.894	0.63 0.63	1 042.1	1951 1951	1998 1998	PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE ASSIGNED WELL 6-16-57-24W4
								1951	1998	CANST CONCURRENT PRODUCTION
11.85	0.159	0.70	21 510	79	0.908	0.59	2 315.1	1977	1996	TALISMA PANALTA AMOCO
5.50	0.108	0.80	19 770	80	0.903	0.59	2 388.1	1986	1996	TALISMA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
FENN-BIG VALLEY 035-20W4									
EDMONTON A	22	0.55	0.05	11			37		125
BELLY RIVER J	1 649	0.65	0.05	1 018			36		6 740
BELLY RIVER JJ	23	0.70	0.05	15			37		100
EDM A, BR J & JJ TOTAL	1 694	0.65	0.05	1 044	988	56	36	2 019	
VIKING B	1 040	0.80	0.10	749	716	33	39	1 284	7 378
D-2 A ASSOC	43	0.75	0.30	22b			42		65
D-2 A SOLN	6 160	0.64	0.55	1 774b			42		
D-2 A ASSOC	18	0.75	0.30	10b			42		78
D-2 A ASSOC	34	0.75	0.30	18b			42		53
D-2 A ASSOC	259	0.75	0.30	136b			42		190
D-2 A ASSOC	93	0.75	0.30	49b			42		199
D-2 A TOTAL	6 607	0.65	0.55	2 009b	1 905b	104	42	4 320	
OTHER	5 231			2 913	1 482	1 431		53 890	
TOTAL-FENN-BIG VALLEY	14 572			6 715	5 091	1 624		61 513	
FERINTOSH 044-21W4									
ELLERSLIE H	649	0.75	0.10	438	114	324	40	12 804	300
OTHER	2 282			1 380	345	1 035		39 721	
TOTAL-FERINTOSH	2 931			1 818	459	1 359		52 525	
FERRIER 039-08W5									
CARDIUM G ASSOC		0.85	0.15				42		276
CARDIUM G SOLN	18 750	0.32	0.15	5 100b			42		
CARDIUM G ASSOC		0.85	0.15				42		2 368
CARDIUM G ASSOC		0.85	0.15				42		2 315
CARDIUM G ASSOC		0.85	0.15				42		5 846
CARDIUM G & L TOTAL	35 221	0.55	0.15	17 000b	16 107b	893	42	37 301	
CARDIUM O	965	0.90	0.10	782			40		1 581
CARDIUM Z	178	0.80	0.10	128			40		1 210
CARDIUM O & Z TOTAL	1 143	0.90	0.10	910	414	496	40	19 721	
CARDIUM FF		0.80	0.10				40		883
CARDIUM II		0.75	0.10				41		400
CARDIUM FF & II TOTAL	503	0.80	0.10	353	296	57	40	2 304	
CARDIUM QQ	226	0.75	0.10	153			40		812
CARDIUM RR	282	0.80	0.10	203			40		812
CARDIUM QQ & RR TOTAL	508	0.80	0.10	356	58	298	40	11 929	
CARDIUM N ASSOC	360	0.85	0.15	260b			41		440
CARDIUM N SOLN	960	0.65	0.15	530b			41		
CARDIUM B, N & VIK A TOTAL	1 320	0.70	0.15	790b	717b	73	41	2 978	
GLAUCONITIC B	782	0.88	0.10	619	546	73	40	2 902	150
ELKTON A	676	0.85	0.15	489	249	240	41	9 744	384
ELKTON-SHUNDA A	489	0.85	0.10	374	205	169	39	6 557	2 001
ELKTON-SHUNDA B	1 170	0.80	0.10	842	126	716	39	27 824	1 254
PEKISKO B	753	0.85	0.10	576	250	326	39	12 688	600
OTHER	9 565			6 180	1 819	4 361		173 339	
TOTAL-FERRIER	52 130			28 489	20 787	7 702		307 287	
FERRYBANK 044-27W4									
BELLY RIVER C ASSOC	2 026	0.80	0.05	1 540b			37		7 398
BELLY RIVER C SOLN	713	0.32	0.50	114b			37		
BELLY RIVER G	5	0.65	0.05	3b			36		64
BELLY RIVER H	5	0.60	0.05	3b			36		64
BELLY RIVER C, G & H TOTAL	2 749	0.65	0.10	1 660b	1 398b	262	37	9 715	
VIKING A	1 150	0.80	0.20	736	281	455	46	20 903	8 259
GLAUCONITIC A	1 429	0.70	0.10	900			39		5 838
LOWER MANNVILLE W	123	0.75	0.10	83			40		291
GLAUC A & L MANN W TOTAL	1 552	0.70	0.10	983	919	64	39	2 527	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.00	0.290	0.60	1 910	14	0.957	0.61	287.3	1997	1998	PART OF BR POOL NO.3
4.63	0.255	0.55	3 030	26	0.947	0.57	639.7	1951	1995	PART OF BR POOL NO.3 PRODUCTION DECLINE
3.70	0.256	0.50	4 690	27	0.917	0.57	677.9	1997	1998	PART OF BR POOL NO.3
								1951	1998	RANGER TCPL PARAMNT PANALTA BEAU GULF
1.43	0.140	0.55	7 240	44	0.861	0.66	1 178.8	1952	1997	CDNFRST PART OF BR POOL NO.3
										PROGAS AEL MARATHN PARAMNT PANALTA CWNGNU
4.48	0.111	0.85	12 750	58	0.702	0.95	1 593.8	1950	1996	TCPL GULF IOL PART OF VIK P PRODUCTION
						0.95		1950	1996	DECLINE
2.09	0.093	0.75	12 750	57	0.699	0.95	1 573.6	1950	1984	GPP
3.89	0.124	0.85	12 750	58	0.702	0.95	1 597.2	1950	1996	GPP
7.79	0.132	0.85	12 750	58	0.702	0.95	1 589.9	1950	1996	GPP
3.96	0.095	0.80	12 750	58	0.702	0.95	1 578.3	1950	1996	GPP
								1950	1996	CRESTAR TCPL POCO BEAU CWNGNU GPP
12.15	0.229	0.85	9 160	55	0.868	0.67	1 327.0	1989	1993	CANST
1.45	0.090	0.70	21 160	74	0.805	0.76	2 057.1	1961	1996	PRODUCTION DECLINE SOLN MU-CARDIUM G&L.
						0.76		1961	1996	CONC PROD, GPP
2.63	0.161	0.85	21 770	74	0.809	0.76	2 052.7	1961	1996	PRODUCTION DECLINE SOLN MU-CARDIUM G&L.
2.58	0.170	0.85	21 770	74	0.809	0.76	2 031.4	1961	1996	CONC PROD, GPP
6.65	0.137	0.85	21 770	74	0.809	0.76	2 066.2	1961	1996	PRODUCTION DECLINE
								1961	1996	PRODUCTION DECLINE
										PROGAS AEL PCOG PARAMNT PANALTA BEAU
										UNPACF WASCANA GULF APACHE TALISMA POCO
										CANST TCPL IOL HUSKY AMOCO CONCURRENT
										PRODUCTION, GPP
3.01	0.120	0.80	22 000	73	0.856	0.69	2 246.0	1969	1997	
1.81	0.064	0.60	22 570	79	0.861	0.69	2 303.2	1975	1996	
						0.68		1969	1997	PCOG UNPACF TCPL
1.72	0.090	0.75	24 110	79	0.877	0.67	2 316.3	1956	1998	PRODUCTION DECLINE
3.65	0.099	0.75	16 460	70	0.815	0.71	2 272.3	1956	1998	PRODUCTION DECLINE
								1956	1998	UNPACF TCPL
1.97	0.092	0.80	20 370	80	0.856	0.68	2 326.3	1979	1998	
1.97	0.106	0.80	22 410	79	0.870	0.67	2 291.6	1979	1998	
								1979	1998	TCPL PCOG UNPACF
2.40	0.126	0.90	22 340	83	0.845	0.75	2 232.7	1955	1998	PRODUCTION DECLINE SOLN MU-CARDIUM B,N &
						0.75		1955	1998	VIK A, CONC PROD
										PRODUCTION DECLINE SOLN MU-CARDIUM B,N &
										VIK A, CONC PROD
								1955	1998	POCO PCOG PANALTA UNPACF APACHE TCPL
7.16	0.080	0.60	33 890	88	0.986	0.67	2 725.3	1984	1998	CONCURRENT PRODUCTION
2.27	0.082	0.85	26 630	95	0.919	0.70	2 918.5	1980	1998	APACHE IOL ENGAGE PRODUCTION DECLINE
5.49	0.075	0.90	26 900	94	0.946	0.64	2 925.6	1974	1998	UNPACF PROGAS TCPL PRODUCTION DECLINE
5.00	0.097	0.90	27 070	104	0.955	0.66	2 981.4	1965	1998	PROGAS PRODUCTION DECLINE
11.09	0.131	0.80	24 010	110	0.944	0.65	2 893.1	1992	1998	PCOG
										PANCDN PRODUCTION DECLINE
4.40	0.200	0.60	5 600	35	0.906	0.60	909.0	1955	1991	MATERIAL BALANCE CONC PROD, SOLN MU-BR C,G
						0.60		1955	1991	& H
										MATERIAL BALANCE CONC PROD, SOLN MU-BR C,G
2.00	0.180	0.45	4 420	26	0.918	0.59	786.8	1986	1996	& H
1.90	0.200	0.45	4 420	27	0.919	0.59	857.9	1986	1989	
								1955	1998	CRESTAR CHEL PANCDN PANALTA TCPL AMOCO
1.91	0.128	0.55	7 990	53	0.673	0.97	1 441.4	1955	1997	PIONEER CONCURRENT PRODUCTION
4.45	0.139	0.50	11 940	64	0.836	0.68	1 562.3	1954	1996	CHEL PANALTA TCPL PANCDN PIONEER
3.20	0.140	0.80	11 650	64	0.835	0.68	1 575.5	1991	1996	PART OF GLAUC POOL NO.3 PRODUCTION DECLINE
								1954	1993	PART OF GLAUC POOL NO.3
										CNRL PANALTA PANCDN POCO PROGAS QUEBEC
										TCPL PART OF GLAUC POOL NO.3

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
FERRYBANK 044-27W4 (CONTINUED)									
LOWER MANNVILLE I SOLN	12	0.65	0.65	3b			40		
LOWER MANNVILLE I ASSOC	689	0.80	0.10	496b	498b	1	40	40	612
LOWER MANNVILLE F	432	0.85	0.10	330	311	19	40	756	502
LOWER MANNVILLE S	991	0.85	0.15	716	634	82	40	3 247	3 008
LOWER MANNVILLE A		0.90	0.10				40		1 190
LOWER MANNVILLE B		0.90	0.10				40		1 214
LOWER MANNVILLE A & B TOTAL	836	0.90	0.10	677	653	24	40	952	
BANFF A	461	0.85	0.10	353	352	1	40	40	1 204
BANFF B	809	0.85	0.10	619	552	67	40	2 666	1 053
OTHER	3 430			2 283	917	1 366		53 730	
TOTAL-FERRYBANK	13 111			8 856	6 515	2 341		94 576	
FIGURE LAKE 063-18W4									
D-2 E	1 723	0.65	0.05	1 064	871	193	37	7 210	3 545
D-2 U	443	0.75	0.05	315	22	293	37	10 823	400
UPPER MANNVILLE B		0.70	0.05				38		742
UPPER MANNVILLE Y		0.70	0.05				38		179
UPPER MANNVILLE CC		0.65	0.05				38		305
D-2 B		0.50	0.05				37		9 121
UPPER MANN B.Y.CC&D-2 TOTAL	4 806	0.65	0.05	3 033	2 949	84	37	3 141	
GROSMONT A	512	0.70	0.05	340	150	190	37	7 040	3 109
OTHER	7 614			4 879	2 872	2 007		74 584	
TOTAL-FIGURE LAKE	15 098			9 631	6 864	2 767		102 798	
FINDLEY 057-06W6									
NORD 057-06	624	0.85	0.15	451		451	38	16 944	528
RUNDLE A	724	0.75	0.15	462		462	38	17 330	628
OTHER	1 030			703		703		26 675	
TOTAL-FINDLEY	2 378			1 616		1 616		60 949	
FIR 058-21W5									
GETHING E	104	0.75	0.10	70			38		150
TRIASSIC C	9 861	0.85	0.10	7 544			38		21 347
GETHING E&TRIASSIC C TOTAL	9 965	0.85	0.10	7 614	5 639	1 975	38	75 406	
D-3 A	4 267	0.45	0.25	1 440	1 381	59	37	2 192	1 113
D-3 C	800	0.90	0.20	576	493	83	37	3 101	128
D-3 E	564	0.80	0.25	338	5	333	37	12 218	200
LED 25-058-21	541	0.80	0.25	325		325	37	12 171	200
OTHER	2 968			2 084	430	1 654		64 203	
TOTAL-FIR	19 105			12 377	7 948	4 429		169 291	
FIRE 113-07W6									
TOTAL-FIRE	271			158	76	82		3 071	
FISHER 068-05W4									
GRAND RAPIDS C	1 039	0.50	0.05	494			37		7 214
GRAND RAPIDS D	1 600	0.90	0.05	1 368			37		7 875
GRAND RAPIDS C & D TOTAL	2 639	0.75	0.05	1 862	918	944	37	35 051	
CLEARWATER B	1 500	0.80	0.05	1 140	898	242	37	9 073	4 392
MCMURRAY A	788	0.65	0.05	486	213	273	37	10 063	6 746
OTHER	6 181			3 382	1 016	2 366		87 887	
TOTAL-FISHER	11 108			6 870	3 045	3 825		142 074	
FLAT 066-20W4									
WABISKAW-WABAMUN A		0.75	0.05				37		4 042
WABISKAW&WABAMUN A		0.75	0.05				37		6 950
WABISKAW-WABAMUN A TOTAL	4 912	0.75	0.05	3 500	2 985	515	37	19 004	
WABISKAW-WABAMUN B		0.65	0.05				37		3 142
WABISKAW-WABAMUN B		0.65	0.05				37		617
WABISKAW-WABAMUN B TOTAL	809	0.65	0.05	500	450	50	37	1 872	
OTHER	3 143			2 044	1 055	989		36 950	
TOTAL-FLAT	8 864			6 044	4 490	1 554		57 826	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
						0.69		1981	1992	TCPL PANCDN PIONEER PRODUCTION DECLINE CONC PROD, OIL DEPLETED
4.79	0.191	0.70	12 490	65	0.828	0.69	1 667.4	1981	1992	TCPL PANCDN PIONEER PRODUCTION DECLINE CONC PROD, OIL DEPLETED
2.39	0.160	0.80	12 710	58	0.809	0.70	1 587.7	1970	1997	PANCDN TCPL PIONEER MATERIAL BALANCE NONCOMMERCIAL OIL
3.28	0.160	0.70	12 450	63	0.793	0.78	1 632.4	1980	1998	CNRL QUEBEC PANCDN PANALTA TCPL PRODUCTION DECLINE
2.36	0.205	0.75	13 340	63	0.803	0.73	1 710.3	1971	1995	PRODUCTION DECLINE SLUSH OIL
2.25	0.213	0.70	13 340	63	0.803	0.73	1 731.1	1971	1995	PRODUCTION DECLINE SLUSH OIL
								1971	1997	PANALTA TCPL PANCDN AMOCO PIONEER SLUSH OIL
4.35	0.134	0.80	12 780	63	0.814	0.71	1 656.3	1958	1997	TCPL PIONEER PANCDN PRODUCTION DECLINE
9.20	0.143	0.55	12 750	63	0.823	0.70	1 584.4	1955	1998	PANCDN TCPL PIONEER PRODUCTION DECLINE
7.18	0.202	0.75	3 430	26	0.938	0.56	645.7	1951	1996	RENENER TCPL PRODUCTION DECLINE
13.40	0.220	0.80	4 540	26	0.919	0.57	663.0	1995	1997	RENENER
4.11	0.281	0.70	3 630	24	0.931	0.57	539.4	1958	1995	PRODUCTION DECLINE
1.60	0.259	0.70	3 410	26	0.937	0.57	534.5	1987	1995	PRODUCTION DECLINE
1.62	0.310	0.75	3 420	27	0.938	0.57	542.3	1987	1995	PRODUCTION DECLINE
12.76	0.192	0.70	3 520	26	0.937	0.57	668.3	1955	1995	PRODUCTION DECLINE
								1955	1995	PROGAS TALISMA RENENER TCPL CNRL
6.49	0.159	0.55	2 850	22	0.946	0.57	561.3	1979	1998	TCPL CNRL PROGAS
7.82	0.112	0.55	28 530	77	0.945	0.61	2 375.8	1975	1988	AEL CANOXY BER TOP/BASE TVD
8.10	0.073	0.80	29 290	85	0.955	0.62	2 731.5	1975	1995	AEL CANOXY BER TOP/BASE TVD
4.90	0.100	0.70	22 420	83	0.890	0.67	2 517.0	1972	1997	
2.42	0.107	0.80	22 940	100	0.930	0.65	2 623.1	1972	1998	MATERIAL BALANCE DEEP CUT SL
								1972	1998	TCPL PROGAS POCO PANALTA UNPACF MOBIL GULF AMOCO
24.74	0.065	0.85	30 710	98	0.937	0.70	3 348.9	1974	1996	ENRMARK MOBIL CHEVRON PROGAS PANALTA TCPL PRODUCTION DECLINE SLUSH OIL
196.80	0.080	0.85	33 420	126	1.010	0.67	3 518.5	1988	1995	MOBIL GULF MATERIAL BALANCE
21.50	0.070	0.90	27 150	120	0.943	0.70	3 417.6	1991	1995	UNPACF PANALTA
13.82	0.100	0.85	29 180	107	0.948	0.68	3 367.0	1980	1996	PANALTA TCPL
3.39	0.313	0.80	1 630	10	0.965	0.56	318.1	1986	1998	HUSKY AEC PROGAS
3.42	0.305	0.75	1 620	11	0.965	0.56	307.8	1986	1998	AEC HUSKY PROGAS PRODUCTION DECLINE
								1986	1998	
4.71	0.305	0.70	2 500	13	0.948	0.56	439.2	1986	1998	AEC HUSKY PROGAS PRODUCTION DECLINE
3.16	0.299	0.65	2 490	16	0.950	0.56	520.7	1981	1998	AEC AMOCO PROGAS PRODUCTION DECLINE
1.65	0.229	0.70	3 640	22	0.930	0.58	564.9	1956	1991	PRODUCTION DECLINE
10.00	0.233	0.85	3 410	27	0.939	0.58	564.7	1956	1991	PRODUCTION DECLINE
								1956	1991	RENENER CNRL TCPL
2.33	0.228	0.65	3 330	25	0.939	0.58	571.6	1967	1991	PRODUCTION DECLINE
5.62	0.209	0.20	3 380	27	0.939	0.58	591.8	1967	1991	PRODUCTION DECLINE
								1967	1991	MARATHN TCPL CNRL CNFRST

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
FLOOD 085-25W5 TOTAL-FLOOD	177			113	111	2		74	
FOLEY LAKE 065-06W5 TOTAL-FOLEY LAKE	43			29		29		1 126	
FONTAS (SA) 102-11W6 DEBOLT A	455	0.80	0.10	328	170	158	39	6 102	2 727
OTHER	80			50	20	30		1 159	
TOTAL-FONTAS	535			378	190	188		7 261	
FOREMOST 006-10W4 BOW ISLAND		0.80	0.05				36		6 038
BOW ISLAND		0.80	0.05				36		128
BOW ISLAND TOTAL	408	0.80	0.05	310	310	< 1		-	
OTHER	17			9	7	2		73	
TOTAL-FOREMOST	425			319	317	2		73	
FORESTBURG 042-15W4 UPPER MANNVILLE K	485	0.80	0.05	369	315	54	37	1 974	300
UPPER MANNVILLE R	795	0.75	0.05	566	242	324	37	11 965	1 450
OTHER	3 242			2 058	892	1 166		42 710	
TOTAL-FORESTBURG	4 522			2 993	1 449	1 544		56 649	
FORSYTH 062-06W4 TOTAL-FORSYTH	2 522			1 494	897	597		22 097	
FORT ASSINIBOINE 062-04W5 TOTAL-FORT ASSINIBOINE	386			271	146	125		4 819	
FORT KENT 061-04W4 COLONY I		0.55	0.05				38		3 815
COLONY I		0.60	0.05				37		150
COLONY I TOTAL	1 168	0.50	0.05	555	453	102	37	3 801	
OTHER	2 758			1 797	1 358	439		16 370	
TOTAL-FORT KENT	3 926			2 352	1 811	541		20 171	
FORT SASKATCHEWAN 054-22W4 U&M VIKING A	9 124	0.89	0.03	7 876	7 840	36	36	1 310	13 054
OTHER	307			203	74	129		4 734	
TOTAL-FORT SASKATCHEWAN	9 431			8 079	7 914	165		6 044	
FORTY MILE 007-09W4 LOWER MANNVILLE E		0.65	0.05				37		150
LOWER MANNVILLE E		0.65	0.05				36		6 680
LOWER MANNVILLE E TOTAL	2 000	0.65	0.05	1 235	1 227	8	36	291	
OTHER	442			335	178	157		5 674	
TOTAL-FORTY MILE	2 442			1 570	1 405	165		5 965	
FOX CREEK 061-18W5 VIKING A	4 519	0.90	0.10	3 660	3 389	271	39	10 645	7 525
VIKING C		0.70	0.10				39		386
NOTIKWIN C		0.70	0.05				39		250
GETHING D		0.65	0.05				38		1 065
GETHING H ASSOC		0.65	0.05				39		11 620
GETHING H SOLN	58	0.65	0.30	275			39		
VIK C,NOTI C,GETH D&H TOTAL	3 153	0.85	0.05	2 497	1 971	526	39	20 404	
MONTNEY B BEAVERHILL LAKE A SOLN	490	0.85	0.15	354	73	281	41	11 586	1 172
OTHER	928	0.60	0.30	390	360	30	42	1 274	
	1 223			795	390	405		15 787	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
7.67	0.145	0.70	6 170	33	0.891	0.62	837.6	1991	1998	UNPACF AEC PRODUCTION DECLINE
1.52	0.240	0.70	4 830	27	0.917	0.57	664.9	1923	1998	ASSIGNED WELL: 6-13-6-11W4
1.50	0.200	0.45	4 720	27	0.919	0.57	685.4	1923	1998	
7.45	0.257	0.85	7 570	40	0.882	0.62	1 051.1	1984	1995	SIGNALT POCO TCPL PRODUCTION DECLINE SIGNALT TCPL
3.91	0.242	0.75	7 560	40	0.889	0.59	1 049.7	1982	1996	
2.88	0.290	0.70	2 430	15	0.950	0.56	304.7	1965	1998	PRODUCTION DECLINE PRODUCTION DECLINE ASSIGNED WELL 2-17-62-4W4M CRESTAR CNRL RENENER MOBIL AMOCO
2.00	0.310	0.65	2 420	15	0.950	0.57	306.0	1965	1998	
								1965	1998	
4.82	0.210	0.60	5 550	31	0.903	0.61	790.4	1917	1995	GARDNER PANALTA AMOCO CWNGNUL PART OF VIK POOL NO.2 MATERIAL BALANCE
1.85	0.120	0.50	10 000	35	0.858	0.58	928.9	1965	1994	PRODUCTION DECLINE ASSIGNED WELL 10-20-007-09W4M PRODUCTION DECLINE CRESTAR ALTROAN ENGAGE TCPL SUMMIT POCO CANST
2.24	0.195	0.60	10 070	36	0.861	0.58	932.9	1965	1994	
								1965	1996	
3.18	0.144	0.60	10 160	61	0.848	0.67	1 711.2	1957	1997	SUMMIT PARAMNT UNOCAL GULF TALISMA TCPL AMOCO MATERIAL BALANCE PART OF GETHING POOL NO.1 PRODUCTION DECLINE PART OF GETHING POOL NO.1 PRODUCTION DECLINE PART OF GETHING POOL NO.1 PRODUCTION DECLINE PART OF GETHING POOL NO.1 PRODUCTION DECLINE CONC PROD. SOLN MU-VIK C. GETH D & H PART OF GETHING POOL NO.1 PRODUCTION DECLINE CONC PROD. SOLN MU-VIK C. GETH D & H CHEVRON SUMMIT PARAMNT PANALTA CNRL GULF TALISMA POCO TCPL PROGAS AMOCO WAINOCO ULSTER PART OF GETHING POOL NO.1 CONCURRENT PRODUCTION TALISMA SLUSH OIL CNRL CHEVRON GULF GPP
1.59	0.150	0.60	9 140	64	0.874	0.65	1 633.1	1978	1998	
7.00	0.260	0.85	10 880	63	0.868	0.62	1 646.5	1987	1998	
5.54	0.144	0.60	14 410	28	0.777	0.62	1 968.8	1967	1998	
5.06	0.154	0.50	14 410	75	0.863	0.65	1 921.5	1957	1998	
						0.65		1957	1998	
								1957	1998	
2.68	0.137	0.75	15 100	73	0.817	0.73 0.84	2 014.0	1994 1975	1997 1998	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
FOX CREEK 061-18W5 (CONTINUED) TOTAL-FOX CREEK	10 313			7 696	6 183	1 513		59 696	
FRANCIS 073-22W4 WABAMUN A	495	0.65	0.05	306		306	37	11 249	440
OTHER	313			185	26	159		5 897	
TOTAL-FRANCIS	808			491	26	465		17 146	
FRENCH 064-27W4 TOTAL-FRENCH	690			428	259	169		6 312	
FURNESS 048-23W4 TOTAL-FURNESS	641			414	25	389		14 688	
GADSBY 037-19W4 BELLY RIVER J	2 207	0.85	0.05	1 782	1 352	430	37	15 837	11 567
MANNVILLE A	460	0.80	0.10	331	324	7	39	271	739
MANNVILLE I	486	0.80	0.10	350	188	162	39	6 320	300
OTHER	3 146			2 010	795	1 215		46 078	
TOTAL-GADSBY	6 299			4 473	2 659	1 814		68 506	
GAGE 082-03W6 TOTAL-GAGE	307			206		206		7 703	
GALAHAD 039-15W4 TOTAL-GALAHAD	1 370			841	120	721		24 574	
GAMBLER 070-21W4 WABAMUN B	2 163	0.70	0.05	1 438	845	593	37	22 030	3 555
OTHER	2 298			1 363	635	728		27 141	
TOTAL-GAMBLER	4 461			2 801	1 480	1 321		49 171	
GARDEN PLAINS 033-13W4 SECOND WHITE SPECKS E	1 889	0.65	0.05	1 167	160	1 007	37	37 128	5 120
OTHER	2 464			1 658	655	1 003		38 069	
TOTAL-GARDEN PLAINS	4 353			2 825	815	2 010		75 197	
GARRINGTON 034-04W5 VIKING P SOLN	15	0.65	0.10	9b			40		
VIKING P ASSOC	835	0.85	0.10	639b	628b	20	40	805	732
VIKING A ASSOC	375	0.65	0.10	220b			39		4 344
VIKING A SOLN	800	0.65	0.15	442b			39		
VIKING A ASSOC	27	0.70	0.10	17b			39		200
VIKING A ASSOC	20	0.60	0.10	11b			39		200
VIKING A ASSOC	13	0.55	0.10	6b			39		200
VIKING A ASSOC	19	0.55	0.10	9b			39		200
VIKING A ASSOC	18	0.60	0.10	10b			39		128
VIKING A TOTAL	1 272	0.65	0.15	715b	625b	90	39	3 533	
VIKING CC	11	0.75	0.10	7			40		200
MANNVILLE B SOLN	5 846	0.65	0.25	2 850			42		
VIKING CC&MANNVILLE B TOTAL	5 857	0.65	0.25	2 857	2 572	285	42	11 987	
MANNVILLE D SOLN	1 085	0.65	0.40	423b			41		
MANNVILLE D ASSOC	910	0.85	0.10	697b	920b	200	41	8 180	2 249
MANNVILLE R	177	0.75	0.10	120b			40		250
LOWER MANNVILLE ZZ ASSOC	780	0.85	0.15	564b			41		651
MANN R & L MANN ZZ TOTAL	957	0.85	0.15	684b	62b	622	41	25 297	
ELRS 06-036-04	450	0.85	0.15	326		326	40	13 177	100
ELKTON E	3 644	0.90	0.15	2 788	2 676	112	40	4 510	1 167
PEKISKO A	551	0.85	0.15	398	100	298	41	12 102	400

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
23.47	0.250	0.80	2 370	22	0.954	0.58	548.6	1965	1995	
4.92	0.252	0.60	3 030	27	0.946	0.57	618.0	1951	1997	AEL PCOG PANCDN RANGER TCPL SHERRIT POCO CNWE CNFRST AMOCO CWNGNUL CANST PART OF BR POOL NO.3 PRODUCTION DECLINE DEEP CUT SL
5.37 11.90	0.161 0.204	0.60 0.70	8 450 9 210	45 51	0.847 0.848	0.66 0.66	1 223.6 1 227.9	1975 1989	1997 1994	PANCDN CNFRST TCPL PRODUCTION DECLINE CNFRST SHERRIT
3.28	0.232	0.80	2 620	22	0.949	0.57	519.7	1979	1998	RENENER CNRL CANST DIRECT TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL
3.47	0.140	0.55	5 970	31	0.903	0.57	831.5	1953	1997	CNFRST CRESTAR ENGAGE QUEBEC POCO TCPL RENENER PROGAS PANALTA CWNGNUL PART OF 2WS POOL NO.2
2.86	0.137	0.75	20 830	73	0.852	0.67	2 360.3	1979	1996	AEL POCO UNPACF GARDNER PRODUCTION DECLINE CONCURRENT PRODUCTION
1.79	0.089	0.65	8 920	72	0.881	0.67	1 996.6	1977	1997	AEL POCO UNPACF GARDNER PRODUCTION DECLINE CONCURRENT PRODUCTION
1.82	0.084	0.65	13 510	63	0.832	0.67	2 132.1	1977	1996	CONCURRENT PRODUCTION
1.70	0.080	0.75	9 750	61	0.855	0.67	2 127.4	1977	1996	ASSIGNED WELL 14-32-034-03W5M
1.14	0.092	0.75	8 730	65	0.873	0.67	2 170.6	1977	1996	ASSIGNED WELL 06-30-035-03W5M
2.32	0.067	0.65	9 680	64	0.861	0.67	2 148.5	1977	1996	ASSIGNED WELL 10-13-035-04W5M
2.66	0.102	0.65	8 510	74	0.886	0.67	2 104.6	1977	1987	ASSIGNED WELL 01-25-035-04W5M
								1977	1997	ASSIGNED WELL 06-20-035-03W5M
0.70	0.060	0.70	18 920	77	0.833	0.72 0.77	2 233.7	1975 1963 1963 1968	1993 1991 1993 1996	AEL POCO ENRMARK UNPACF BLUERGER GULF PROGAS PANALTA TCPL IOL AMOCO CRESTAR CONCURRENT PRODUCTION
1.96	0.110	0.75	27 750	78	0.898	0.72	2 435.9	1968	1996	GPP POCO TCPL CWNGNUL GPP
3.60	0.129	0.85	17 980	73	0.824	0.71	2 505.9	1979	1996	AEL UNPACF PROGAS PANALTA DIRECT TCPL GULF AMOCO CONCURRENT PRODUCTION
5.73	0.120	0.85	21 300	83	0.830	0.77	2 527.2	1979 1979 1979	1996 1996 1996	AEL UNPACF PROGAS PANALTA DIRECT TCPL GULF AMOCO CONCURRENT PRODUCTION
13.50	0.150	0.90	26 290	76	0.867	0.77	2 485.7	1984	1995	GPP CRESTAR AEL UNPACF PROGAS AMOCO GPP
6.87	0.122	0.85	24 530	85	0.883	0.74	2 633.0	1983	1998	TCPL PROGAS AMOCO DIRECT GULF PRODUCTION DECLINE
18.80	0.056	0.75	17 850	77	0.831	0.74	2 230.9	1981	1996	GARDNER POCO PANALTA CNFRST AMOCO

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
GARRINGTON 034-04W5 (CONTINUED)									
WABAMUN A SOLN	1 762	0.65	0.33	767 ^b			39		
WABAMUN A ASSOC	8 709	0.85	0.33	4 960 ^b	5 379 ^b	348	39	13 433	14 072
LEDUC D SOLN	48	0.65	0.45	17 ^b			42		
LEDUC D ASSOC	927	0.85	0.45	433 ^b	42 ^b	408	42	17 262	128
LEDUC A	567	0.80	0.10	409	100	309	38	11 652	400
LEDUC F	833	0.80	0.20	533	119	414	38	15 728	200
OTHER	12 428			6 531	2 690	3 841		154 192	
TOTAL-GARRINGTON	40 850			23 186	15 913	7 273		291 858	
GARTH 064-06W4									
TOTAL-GARTH	861			553	338	215		8 003	
GARTLEY 031-18W4									
TOTAL-GARTLEY	457			285	186	99		3 738	
GAYFORD 026-24W4									
BELLY RIVER B	715	0.80	0.05	543			37		1 553
BELLY RIVER C	20	0.85	0.05	16			37		250
BELLY RIVER B & C TOTAL	735	0.80	0.05	559	434	125	37	4 603	
OTHER	2 992			1 852	833	1 019		36 927	
TOTAL-GAYFORD	3 727			2 411	1 267	1 144		41 530	
GENESEE 050-03W5									
TOTAL-GENESEE	444			297	105	192		7 522	
GEORGE 082-05W6									
KISKATINAW D	932	0.82	0.10	688	570	118	38	4 528	1 567
KISKATINAW H	3 693	0.60	0.05	2 105	1 871	234	38	8 897	2 066
KISKATINAW J	598	0.90	0.10	484	452	32	38	1 219	433
KISKATINAW M	702	0.85	0.05	567	247	320	38	12 166	200
OTHER	993			705	169	536		20 432	
TOTAL-GEORGE	6 918			4 549	3 309	1 240		47 242	
GERE 062-08W5									
TOTAL-GERE	43			27		27		1 042	
GERMAIN 085-22W4									
TOTAL-GERMAIN	286			136	47	89		3 267	
GHOST PINE 031-22W4									
BELLY RIVER I	536	0.75	0.05	382	259	123	37	4 563	2 607
UPPER MANNVILLE KK	834	0.50	0.10	375	237	138	40	5 509	250
UPPER MANNVILLE Q ASSOC	667	0.80	0.10	481 ^b			40		1 129
UPPER MANNVILLE Q SOLN	20	0.65	0.10	12 ^b			40		
UPPER MANNVILLE Y		0.75	0.10				40		6 846
UPPER MANNVILLE FF		0.75	0.10				40		8 820
UPPER MANN Q, Y & FF TOTAL	5 862	0.75	0.10	4 073 ^b	3 688 ^b	385	40	15 346	
UPPER MANNVILLE C ASSOC		0.70	0.10				39		1 915
UPPER MANNVILLE U		0.75	0.10				39		936
UPPER MANNVILLE ZZZ		0.70	0.10				40		467
LOWER MANNVILLE A ASSOC		0.70	0.10				40		368
LOWER MANNVILLE A SOLN	40	0.65	0.20	21 ^b			40		
LOWER MANNVILLE H ASSOC		0.75	0.10				40		150
LOWER MANNVILLE PP	63	0.75	0.10	42 ^b			40		150
U&L MANNVILLE MU. #1 TOTAL	1 847	0.85	0.10	1 403 ^b	1 366 ^b	37	40	1 480	
UPPER MANNVILLE H		0.75	0.10				39		1 366
UPPER MANNVILLE P		0.70	0.10				40		6 157
UPPER MANNVILLE YYY		0.75	0.10				40		2 806
UPPER MANNVILLE B2B	24	0.75	0.10	16			40		150
LOWER MANNVILLE R		0.75	0.10				40		150
LOWER MANNVILLE EE		0.75	0.10				37		150
U&L MANNVILLE MU. NO. 2 TOTAL	5 504	0.75	0.10	3 715	3 275	440	40	17 420	
UPPER MANNVILLE K2K	404	0.85	0.10	309	256	53	40	2 113	129
UPPER MANNVILLE 020	2 016	0.80	0.10	1 452			40		3 911
UPPER MANNVILLE 020	35	0.70	0.10	23			39		150

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
						0.77		1952	1985	BEAU CDNFRST TCPL NRTHSTR AMOCO MATERIAL BALANCE CONCURRENT PRODUCTION
8.76	0.052	0.85	24 720	74	0.857	0.77	2 649.9	1952	1985	BEAU CDNFRST TCPL NRTHSTR AMOCO MATERIAL BALANCE CONCURRENT PRODUCTION
45.00	0.070	0.85	26 840	91	0.775	1.02	2 966.2	1985	1995	GULF CONCURRENT PRODUCTION
13.95	0.056	0.85	26 200	95	0.948	0.64	3 183.4	1985	1995	GULF CONCURRENT PRODUCTION
35.50	0.070	0.90	20 590	92	0.861	0.77	3 136.7	1985	1995	AEL TCPL AEL TOP/BASE TVD
5.08	0.227	0.55	3 120	30	0.946	0.58	812.3	1977	1996	MATERIAL BALANCE
4.30	0.240	0.60	2 680	28	0.954	0.57	715.7	1977	1996	MATERIAL BALANCE PANCDN
2.18	0.142	0.75	14 330	52	0.822	0.65	1 460.8	1973	1997	AMOCO TCPL PRODUCTION DECLINE
6.73	0.199	0.85	13 200	51	0.845	0.61	1 385.3	1995	1998	TCPL PROGAS AEL POCO PRODUCTION DECLINE
5.55	0.204	0.85	13 310	46	0.827	0.63	1 394.6	1995	1997	TCPL PROGAS AEL
13.80	0.230	0.80	13 040	48	0.836	0.62	1 390.6	1995	1997	TCPL PROGAS AEL
5.07	0.263	0.55	2 750	21	0.948	0.56	546.5	1965	1997	RENENER GULF TCPL
5.17	0.149	0.60	10 750	58	0.824	0.70	1 485.4	1971	1997	AEL PROGAS CAN88 TCPL PRODUCTION DECLINE
4.54	0.184	0.65	10 340	54	0.826	0.68	1 466.8	1961	1996	MARGINAL OIL PRODUCTION CONCURRENT PRODUCTION
2.17	0.166	0.60	10 330	57	0.842	0.66	1 500.2	1966	1994	CONCURRENT PRODUCTION
2.60	0.198	0.70	10 300	57	0.836	0.68	1 492.7	1961	1987	MATERIAL BALANCE MATERIAL BALANCE
1.69	0.174	0.70	10 380	49	0.831	0.67	1 394.8	1964	1996	SIGNALT MARATHN PANALTA BEAU CNRL ENGAGE TCPL CAN88 PROGAS CONCURRENT PRODUCTION
5.79	0.196	0.65	10 640	50	0.828	0.66	1 415.7	1964	1995	PRODUCTION DECLINE
1.10	0.179	0.50	10 640	50	0.807	0.69	1 420.4	1965	1995	CONCURRENT PRODUCTION
1.43	0.180	0.45	10 620	52	0.826	0.67	1 421.0	1965	1995	PRODUCTION DECLINE SOLN MU-U & L MANN MU#1, CONC PROD
						0.67		1965	1995	PRODUCTION DECLINE SOLN MU-U & L MANN
0.61	0.160	0.50	10 620	45	0.808	0.67	1 456.6	1971	1995	MU#1, CONC PROD
3.10	0.210	0.60	10 140	52	0.831	0.67	1 428.5	1965	1995	PRODUCTION DECLINE
								1964	1995	TCPL
1.49	0.205	0.70	10 450	50	0.829	0.66	1 377.5	1965	1992	GULF TCPL CONCURRENT PRODUCTION
2.67	0.202	0.65	10 450	50	0.816	0.68	1 389.1	1952	1992	PRODUCTION DECLINE
1.56	0.172	0.60	10 450	50	0.816	0.68	1 411.2	1952	1992	PRODUCTION DECLINE SLUSH OIL
1.83	0.260	0.70	9 910	49	0.806	0.71	1 409.1	1966	1992	PRODUCTION DECLINE
4.50	0.130	0.50	10 350	45	0.810	0.67	1 404.5	1982	1992	PRODUCTION DECLINE
1.22	0.220	0.70	10 340	26	0.794	0.66	1 357.0	1966	1992	PRODUCTION DECLINE
3.43	0.192	0.75	10 350	59	0.843	0.66	1 477.1	1972	1996	GULF TCPL AMOCO SLUSH OIL
4.38	0.172	0.70	9 590	58	0.843	0.68	1 503.4	1964	1992	TCPL MATERIAL BALANCE
2.00	0.200	0.65	9 020	60	0.861	0.68	1 521.0	1964	1996	ASSIGNED WELL 7-19-33-22W4M

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
GHOST PINE 031-22W4 (CONTINUED)									
UPPER MANNVILLE 020 TOTAL	2 051	0.80	0.10	1 475	1 331	144	40	5 753	
UPPER MANNVILLE H3H	457	0.80	0.10	329			38		2 378
UPPER MANNVILLE H3H	350	0.80	0.10	252			40		300
UPPER MANNVILLE H3H TOTAL	807	0.80	0.10	581	380	201	39	7 813	
LOWER MANNVILLE B SOLN	25	0.65	0.10	14 ^b			40		
LOWER MANNVILLE B ASSOC	583	0.80	0.10	419 ^b	384 ^b	49	40	1 970	902
LOWER MANNVILLE N SOLN	371	0.65	0.30	169 ^b			40		
LOWER MANNVILLE N ASSOC	293	0.75	0.10	198 ^b	172 ^b	195	40	7 798	123
LOWER MANNVILLE F	693	0.90	0.10	562	489	73	40	2 901	783
PEKISKO G	880	0.92	0.04	778	735	43	39	1 693	632
OTHER	14 325			8 889	5 468	3 421		133 316	
TOTAL-GHOST PINE	35 015			23 342	18 040	5 302		207 675	
GIFT 078-10W5									
TOTAL-GIFT	67			35		35		1 363	
GILBY 041-03W5									
UPPER MANNVILLE G	942	0.65	0.15	520	205	315	40	12 496	1 687
UPPER MANNVILLE J ASSOC	286	0.75	0.10	194			38		493
UPPER MANNVILLE J SOLN	425	0.37	0.10	141			38		
UPPER MANNVILLE J TOTAL	711	0.50	0.10	335	102	233	38	8 840	
BASAL MANNVILLE B SOLN	697	0.35	0.65	85 ^b			39		
BASAL MANNVILLE B ASSOC	320	0.80	0.15	218 ^b	292 ^b	11	39	434	436
BASAL MANNVILLE D	2 075	0.80	0.15	1 411	1 383	28	41	1 149	1 361
BASAL MANNVILLE TT	500	0.80	0.15	340	324	16	41	649	150
BASAL MANNVILLE A		0.85	0.15				41		1 418
BASAL MANNVILLE A	91	0.75	0.10	61 ^b			39		150
BASAL MANNVILLE A	150	0.75	0.10	102 ^b			39		150
JURASSIC D ASSOC		0.85	0.15				41		1 092
JURASSIC D SOLN	480	0.65	0.15	265 ^b			41		
JURASSIC D	629	0.85	0.15	455 ^b			41		200
BSL MANN A & JUR D TOTAL	10 758	0.85	0.15	7 691 ^b	7 079 ^b	612	41	24 957	
UPPER MANNVILLE A		0.92	0.10				40		75
BASAL MANNVILLE H		0.92	0.10				41		3 138
BASAL MANNVILLE L ASSOC		0.92	0.10				40		150
BASAL MANNVILLE NN		0.92	0.10				39		150
JURASSIC-RUNDLE ASSOC		0.92	0.10				41		7 066
JURASSIC-RUNDLE ASSOC		0.92	0.08				41		9 328
JURASSIC-RUNDLE SOLN	111	0.65	0.10	65 ^b			41		
RUNDLE A		0.92	0.10				39		400
MANN, JUR & RUN MU#1 TOTAL	26 511	0.90	0.10	22 167 ^b	22 109 ^b	58			
BASAL MANNVILLE BBB	673	0.80	0.10	484	175	309	39	12 070	1 205
JURASSIC B ASSOC	467	0.80	0.15	318 ^b			41		430
JURASSIC B SOLN	1 061	0.30	0.20	254 ^b			41		
JURASSIC B ASSOC	10	0.70	0.15	6 ^b			41		49
JURASSIC B TOTAL	1 538	0.45	0.15	578 ^b	427 ^b	151	41	6 147	
JURASSIC S	231	0.75	0.10	156			39		400
RUNDLE W ASSOC	288	0.75	0.10	194			39		776
JURASSIC S & RUNDLE W TOTAL	519	0.75	0.10	350	87	263	40	10 512	
RUNDLE H	944	0.85	0.15	682	127	555	40	22 317	1 292
OTHER	9 937			5 723	2 195	3 528		139 695	
TOTAL-GILBY	56 125			40 584	34 505	6 079		239 266	
GILWOOD 073-18W5									
PEACE RIVER A	1 261	0.70	0.05	839	596	243	37	9 044	4 854
OTHER	187			128	32	96		3 647	
TOTAL-GILWOOD	1 448			967	628	339		12 691	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
GIROUX LAKE 066-21W5 TOTAL-GIROUX LAKE	242			154	67	87		3 270	
GIROUXVILLE EAST 077-22W5 TOTAL-GIROUXVILLE EAST	582			393	264	129		4 851	
GLACIER 076-12W6 TOTAL-GLACIER	383			257		257		10 063	
GLADYS 020-27W4 WABAMUN A OTHER TOTAL-GLADYS	2 112 1 182 3 294	0.50	0.20	845 654 1 499	48 225 273	797 429 1 226	37	29 760 16 842 46 602	2 867
GLEICHEN 022-21W4 MEDICINE HAT A BELLY RIVER E BELLY RIVER C BELLY RIVER H BELLY RIVER F BELLY RIVER G BELLY RIVER I SE ALTA GAS SYS(MU) TOTAL	1 583 74 1 340 26 324 23 39 3 409	0.60 0.70 0.55 0.70 0.80 0.70 0.70 0.60	0.03 0.05 0.05 0.10 0.05 0.05 0.05 0.05	922 49 700 16 246 15 26 1 974			36 37 37 38 37 37 37 36		23 145 739 5 455 417 2 141 250 250
GLAUCONITIC J LOWER MANNVILLE B GLAUC J & L MANN B TOTAL OTHER TOTAL-GLEICHEN	491 21 512 436 4 357	0.80 0.75 0.80	0.10 0.10 0.10	354 14 368 293 2 635			39 39 39 127 1 057		1 125 150 275 4 889 38 826
GLEN PARK 049-27W4 TOTAL-GLEN PARK	990			558	312	246		9 723	
GLENEVIS 055-04W5 BANFF C OTHER TOTAL-GLENEVIS	385 548 933	0.85	0.05	311 222 533	91 60 151	220 162 382	39	8 600 6 205 14 805	400
GLOVER 075-09W4 TOTAL-GLOVER	499			273	61	212		7 780	
GODIN 081-01W5 WABAMUN A WABAMUN B OTHER TOTAL-GODIN	888 472 341 1 701	0.60 0.90	0.05 0.05	506 404 190 1 100	218 18 89 325	288 386 101 775	37 38 38	10 688 14 490 3 790 28 968	3 184 400
GOLD CREEK 067-05W6 BLUESKY A BLUESKY-GETHING A NIKA 09-070-05 CHARLIE LAKE I BELLOY A CH LK I & BELLOY A TOTAL WABAMUN A WABAMUN G WABAMUN H WABAMUN I WABAMUN J WABAMUN K OTHER TOTAL-GOLD CREEK	1 003 2 457 541 316 223 539 1 112 1 280 2 570 855 1 618 4 003 5 128 21 106	0.90 0.70 0.85 0.85 0.80 0.85 0.90 0.85 0.70 0.75 0.85 0.50 0.50 0.10	0.20 0.05 0.10 0.10 0.10 0.10 0.30 0.25 0.25 0.20 0.20 0.25 0.25 0.25	722 1 634 414 242 160 402 701 816 1 349 513 1 100 1 502 3 327 12 480	72 1 536 175 177 177 175 589 77 8 11 21 32 1 116 3 637	650 98 414 39 38 227 112 739 1 341 502 1 079 1 470 2 211 8 843	40 40 40 39 38 39 39 38 38 37 37 38 38 38 37	25 851 3 915 16 448 400 450 8 801 4 344 27 956 50 730 18 323 40 204 55 992 85 685 338 249	2 716 5 591 200 400 450 200 200 200 400 200 200 400 200 400
GOLDEN 086-15W5 TOTAL-GOLDEN	160			36	35	1		37	
GOLDEN SPIKE 051-27W4 BLAIRMORE A BLAIRMORE A BLAIRMORE A TOTAL		0.75 0.75 0.75	0.10 0.10 0.10				39 40		266 75

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
8.22	0.051	0.85	23 700	95	0.886	0.80	2 602.6	1961	1998	CNRL CRESTAR GARDNER TCPL PAWTUCK
1.05	0.170	0.55	4 310	17	0.916	0.56	806.9	1904	1996	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
3.15	0.214	0.45	3 210	21	0.939	0.56	510.1	1982	1997	
6.05	0.213	0.45	4 110	25	0.926	0.56	611.7	1978	1997	
1.46	0.192	0.45	4 520	20	0.891	0.66	661.7	1978	1997	
4.79	0.220	0.45	3 100	21	0.941	0.56	536.8	1978	1997	
3.00	0.210	0.40	3 620	23	0.933	0.56	563.5	1983	1995	
5.00	0.240	0.40	3 180	21	0.940	0.56	516.0	1982	1997	
								1904	1998	BEAU CRESTAR ENGAGE PANCDN PROGAS PANALTA HUSKY
1.22	0.181	0.75	10 830	50	0.832	0.65	1 348.4	1963	1992	PRODUCTION DECLINE
2.10	0.160	0.55	9 840	43	0.835	0.64	1 371.9	1976	1992	PRODUCTION DECLINE
								1963	1992	PANCDN
8.20	0.148	0.70	10 700	48	0.837	0.63	1 332.1	1970	1996	
11.59	0.150	0.70	2 250	19	0.956	0.57	475.0	1975	1996	NRTHSTR CNRL
11.50	0.151	0.70	8 370	17	0.845	0.57	426.5	1994	1996	PROGAS NONCOMMERCIAL OIL
3.03	0.109	0.70	16 250	73	0.836	0.68	1 731.7	1981	1996	PROGAS DEEP CUT SL
2.56	0.106	0.65	22 100	70	0.858	0.67	2 155.4	1964	1996	AEL PANALTA PCOG CHEL AEC PROGAS
23.50	0.110	0.65	16 310	69	0.843	0.65	1 930.2	1989	1994	PRODUCTION DECLINE
4.00	0.124	0.85	20 420	81	0.876	0.66	2 229.1	1994	1997	PROGAS
3.87	0.086	0.70	24 350	81	0.919	0.62	2 491.7	1994	1997	
31.70	0.070	0.90	35 410	99	0.972	1.12	3 284.1	1965	1997	PCOG
38.00	0.080	0.85	29 460	97	0.914	0.87	3 276.7	1995	1997	PCOG
37.80	0.140	0.90	33 380	95	0.956	0.87	3 192.3	1995	1998	PCOG
12.75	0.072	0.90	33 870	101	0.996	0.80	3 180.7	1980	1996	PROGAS NONCOMMERCIAL OIL
420.00	0.090	0.90	33 530	106	0.987	0.77	3 793.0	1996	1998	PCOG PRODUCTION DECLINE
45.50	0.100	0.80	34 780	99	0.967	0.95	3 294.5	1997	1998	PCOG
3.01	0.168	0.65	10 070	49	0.829	0.69	1 321.0	1950	1998	PRODUCTION DECLINE
4.27	0.170	0.60	9 660	49	0.835	0.67	1 336.5	1950	1998	PRODUCTION DECLINE ASSIGNED WELL
								1950	1998	02/01-27-051-27W4 IOL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
GOLDEN SPIKE 051-27W4 (CONTINUED)									
D-1 A	920	0.85	0.10	704	459	245	39	9 572	438
D-3 A SOLN	6 017	0.82	0.45	2 714 ^b			42		
D-3 A ASSOC		0.90	0.10		2 560 ^b	154	42	6 514	
OTHER	2 734			1 651	668	983		38 680	
TOTAL-GOLDEN SPIKE	10 418			5 573	3 988	1 585		54 766	
GOODFISH 091-09W5									
BLUESKY A	1 099	0.60	0.05	626			37		8 313
WABAMUN A	517	0.55	0.05	270			37		6 363
BLUESKY A & WABAMUN A TOTAL	1 616	0.60	0.05	896	472	424	37	15 671	
OTHER	409			225	143	82		3 084	
TOTAL-GOODFISH	2 025			1 121	615	506		18 755	
GOODLOW 084-26W4									
TOTAL-GOODLOW	920			473	283	190		7 069	
GOODRIDGE 061-02W5									
TOTAL-GOODRIDGE	475			303	175	128		4 890	
GOODWIN 059-13W5									
BASAL QUARTZ B	640	0.85	0.10	490	447	43	39	1 687	1 326
JURASSIC A	688	0.80	0.10	495		495	38	18 602	1 289
OTHER	530			294	120	174		6 827	
TOTAL-GOODWIN	1 858			1 279	567	712		27 116	
GOOSE RIVER 067-18W5									
VIKING A	432	0.85	0.05	349	59	290	38	10 968	2 264
BEAVERHILL LAKE A SOLN	2 791	0.43	0.40	720 ^b			41		
BEAVERHILL LAKE A ASSOC		0.80	0.10		668 ^b	52	41	2 157	
TOTAL-GOOSE RIVER	3 223			1 069	727	342		13 125	
GOPHER (SA) 081-19W4									
TOTAL-GOPHER	34			16		16		601	
GORDONDALE 079-10W6									
PEACE RIVER	989	0.85	0.05	799			39		3 717
NOTIKEWIN B	109	0.75	0.05	78			39		200
GETHING A	811	0.80	0.03	630			39		1 822
CADOMIN E	167	0.70	0.05	111			39		150
PR,NOT B,GETH A&CAD E TOTAL	2 076	0.80	0.05	1 618	1 399	219	39	8 480	
GETHING B	424	0.85	0.05	342	336	6	37	223	150
HALFWAY O	114	0.80	0.10	82			39		200
DOIG A	807	0.90	0.15	617			40		1 409
HALFWAY O & DOIG A TOTAL	921	0.90	0.15	699	127	572	40	22 743	
KISKATINAW B		0.90	0.05				38		383
KISKATINAW B		0.90	0.05				38		1 699
KISKATINAW B TOTAL	2 211	0.90	0.05	1 891	1 868	23	38	865	
OTHER	5 045			3 325	929	2 396		92 640	
TOTAL-GORDONDALE	10 677			7 875	4 659	3 216		124 951	
GRAHAM 079-04W4									
MCMURRAY B		0.60	0.05				37		3 148
MCMURRAY E		0.60	0.05				37		1 070
MCMURRAY B & E TOTAL	933	0.60	0.05	532	486	46	37	1 706	
OTHER	914			436	287	149		5 491	
TOTAL-GRAHAM	1 847			968	773	195		7 197	
GRAINDALE 026-01W4									
TOTAL-GRAINDALE	221			148	11	137		5 144	
GRAND FORKS 011-13W4									
TOTAL-GRAND FORKS	2 504			1 098	395	703		24 178	
GRANDE PRAIRIE 073-06W6									
HALFWAY A SOLN	954	0.65	0.40	372 ^b			40		

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
6.15	0.175	0.75	9 920	53	0.843	0.69 0.86 0.86	1 387.6	1949 1949 1949	1996 1997 1997	IOL TCPL MATERIAL BALANCE TCPL CONC PROD, PREV GAS CYCLING TCPL CONC PROD, PREV GAS CYCLING
3.49 4.73	0.278 0.130	0.70 0.65	1 860 1 930	10 9	0.960 0.958	0.57 0.57	342.5 351.1	1976 1976 1976	1997 1997 1997	NONCOMMERCIAL OIL PROGAS NRTHSTR
4.32 4.99	0.156 0.200	0.75 0.40	13 590 14 030	67 69	0.825 0.873	0.71 0.65	1 610.8 1 784.1	1980 1956	1998 1975	POCO CRESTAR TCPL PANALTA PRODUCTION DECLINE AEL CRESTAR TCPL
1.83	0.185	0.60	9 460	53	0.879	0.60 0.70 0.70	1 208.4	1964 1963 1963	1994 1994 1994	AEL PARAMNT TALISMA PANALTA TCPL CRESTAR TCPL POCO PARAMNT NRTHSTR GAS BREAKTHRU, GPP TCPL POCO PARAMNT NRTHSTR GAS BREAKTHRU, GPP
4.48 7.40 2.81 7.40	0.189 0.145 0.160 0.160	0.70 0.65 0.60 0.75	4 320 7 700 9 210 12 220	31 44 47 53	0.914 0.882 0.865 0.851	0.61 0.58 0.60 0.60	836.7 959.2 1 306.8 1 441.1	1952 1957 1956 1974	1974 1996 1997 1996	MATERIAL BALANCE MATERIAL BALANCE MATERIAL BALANCE
9.75 5.00 4.56	0.120 0.100 0.091	0.70 0.65 0.80	11 240 17 650 16 440	39 67 65	0.836 0.845 0.802	0.62 0.66 0.74	1 325.2 1 792.0 1 754.9	1957 1980 1980	1996 1996 1997	CONWEST PROGAS AEL POCO PANALTA UNPACF CONFRST AMOCO TALISMA CNRL PRODUCTION DECLINE
5.93 6.99	0.110 0.082	0.80 0.80	21 360 21 450	96 96	0.923 0.921	0.62 0.63	2 309.5 2 335.9	1980 1981 1981	1997 1995 1995	CONWEST PROGAS CNRL PRODUCTION DECLINE PRODUCTION DECLINE CONWEST CNRL PANALTA PROGAS DIRECT
7.43 0.62	0.300 0.282	0.80 0.55	1 770 1 660	12 8	0.963 0.963	0.56 0.56	234.9 229.7	1976 1976 1976	1998 1998 1998	PRODUCTION DECLINE PRODUCTION DECLINE WASCANA TCPL PANALTA
						0.73		1979	1996	PANALTA UNPACF TALISMA AMOCO PROGAS DRY GAS BREAKTHRU

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
GRANDE PRAIRIE 073-06W6 (CONTINUED)									
HALFWAY A ASSOC	190	0.75	0.15	122 ^b	229 ^b	265	40	10 589	330
MONTNEY D	1 368	0.85	0.25	872	212	660	40	26 090	930
MONTNEY E	1 266	0.75	0.20	760	136	624	40	24 854	673
MONT 31-072-05	617	0.85	0.20	419		419	39	16 546	200
OTHER	2 779			1 736	217	1 519		59 777	
TOTAL-GRANDE PRAIRIE	7 174			4 281	794	3 487		137 856	
GRANLEA 008-10W4									
BOW ISLAND A	1 412	0.85	0.05	1 140	1 101	39	36	1 395	4 502
OTHER	296			210	105	105		3 796	
TOTAL-GRANLEA	1 708			1 350	1 206	144		5 191	
GRANOR 083-18W4									
GROSMONT A	2 100	0.40	0.05	798	691	107	37	3 973	22 178
OTHER	563			356	274	82		2 653	
TOTAL-GRANOR	2 663			1 154	965	189		6 626	
GRANUM 011-26W4									
TOTAL-GRANUM	647			399	146	253		9 691	
GRASSLAND 067-19W4									
WABAMUN-WINTERBURN A	551	0.70	0.05	367	88	279	37	10 340	2 489
OTHER	1 183			705	581	124		4 632	
TOTAL-GRASSLAND	1 734			1 072	669	403		14 972	
GREENCOURT 059-09W5									
JURASSIC B	515	0.85	0.10	394	75	319	40	12 645	1 255
JURASSIC A ASSOC		0.70	0.15				41		4 204
JURASSIC A ASSOC		0.70	0.10				40		1 620
PEKISKO A ASSOC		0.55	0.10				40		2 325
PEKISKO A SOLN	195	0.65	0.50	64 ^b			40		
JURASSIC A&PEKISKO A TOTAL	7 589	0.70	0.15	4 619 ^b	4 213 ^b	406			
PEKISKO F	1 051	0.65	0.10	615	525	90	40	3 616	625
OTHER	951			644	467	177		6 940	
TOTAL-GREENCOURT	10 106			6 272	5 280	992		23 201	
GREENCOURT EAST 059-06W5									
JURASSIC A ASSOC	811	0.75	0.10	547	502	45	39	1 759	998
OTHER	361			243	101	142		5 427	
TOTAL-GREENCOURT EAST	1 172			790	603	187		7 186	
GRIMSHAW 083-23W5									
TOTAL-GRIMSHAW	372			269	138	131		4 881	
GRIST 073-08W4									
TOTAL-GRIST	539			285	161	124		4 565	
GRIZZLY 062-22W5									
TOTAL-GRIZZLY	314			215	132	83		3 348	
GROAT 057-16W5									
LEDUC B	1 657	0.35	0.35	377	358	19	36	693	1 014
OTHER	1 137			750	132	618		24 485	
TOTAL-GROAT	2 794			1 127	490	637		25 178	
GROUARD 075-15W5									
TOTAL-GROUARD	203			136		136		5 126	
GROUSE 074-12W4									
TOTAL-GROUSE	575			308	70	238		8 839	
GUNN 055-03W5									
TOTAL-GUNN	122			80	80				
GUTAH 099-07W6									
DEBOLT C	409	0.80	0.05	311	86	225	36	8 183	1 672

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.69	0.088	0.80	15 740	57	0.776	0.73	1 899.7	1979	1996	PANALTA UNPACF TALISMA AMOCO PROGAS DRY GAS BREAKTHRU
8.25	0.113	0.85	18 630	78	0.813	0.77	2 083.6	1993	1997	SUNCOR CONWEST PROGAS TALISMA
12.94	0.128	0.65	17 280	70	0.820	0.71	1 974.7	1993	1997	SUNCOR BEAU
36.50	0.110	0.50	15 100	73	0.808	0.77	2 006.6	1993	1996	SUNCOR
2.07	0.220	0.60	5 650	26	0.905	0.59	683.8	1971	1998	CANST PANALTA CWNGNUL PRODUCTION DECLINE
14.77	0.176	0.90	1 200	12	0.974	0.57	319.3	1976	1998	PARAMNT PANALTA PRODUCTION DECLINE
4.50	0.255	0.65	2 910	22	0.945	0.56	546.9	1958	1996	RENENER TCPL AMOCO
4.82	0.137	0.60	10 390	60	0.857	0.65	1 470.4	1974	1998	CRESTAR POCD CNRL GARDNER TCPL CNFRST
6.21	0.149	0.60	11 140	64	0.791	0.79	1 433.3	1961	1995	PRODUCTION DECLINE
6.11	0.197	0.70	10 420	62	0.855	0.67	1 462.2	1961	1995	PRODUCTION DECLINE
10.75	0.145	0.85	11 150	62	0.850	0.66	1 456.0	1961	1992	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
						0.66		1961	1992	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
								1961	1998	CNFRST CRESTAR TCPL CNRL CONCURRENT PRODUCTION, DEEP CUT SL
5.42	0.125	0.70	5 300	61	0.915	0.66	1 479.7	1990	1996	CRESTAR CNFRST CNRL PRODUCTION DECLINE
2.72	0.190	0.65	10 720	50	0.830	0.67	1 227.8	1980	1998	AEL CNRL CRESTAR PROGAS DYNALTA PRODUCTION DECLINE OIL DEPLETED
10.69	0.075	0.90	26 890	104	0.868	0.94	3 019.6	1985	1995	GULF PRODUCTION DECLINE DEEP CUT SL
3.46	0.223	0.60	5 290	39	0.913	0.61	702.1	1977	1998	PENWEST UNPACF AMOCO

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
GUTAH 099-07W6 (CONTINUED) TOTAL-GUTAH	409			311	86	225		8 183	
HACKETT 035-17W4									
UPPER MANNVILLE A ASSOC	596	0.75	0.10	402 ^b			39		870
UPPER MANNVILLE A SOLN	51	0.65	0.10	30 ^b			39		
UPPER MANNVILLE A TOTAL	647	0.75	0.10	432 ^b	388 ^b	44	39	1 725	
LOWER MANNVILLE A	850	0.80	0.09	619	583	36	39	1 387	610
OTHER	849			510	229	281		10 761	
TOTAL-HACKETT	2 346			1 561	1 200	361		13 873	
HAIRY HILL 055-14W4 COLONY W	1 904	0.70	0.05	1 266	1 245	21	37	778	1 781
COLONY X	917	0.65	0.05	566	566	< 1	37	-	1 941
D-2 B	729	0.70	0.05	485	468	17	37	634	1 519
D-2 C	615	0.65	0.05	380	321	59	37	2 190	969
CAMROSE A	892	0.65	0.05	551	536	15	37	560	4 004
OTHER	3 081			1 831	1 429	402		15 055	
TOTAL-HAIRY HILL	8 138			5 079	4 565	514		19 217	
HALKIRK 038-16W4									
UPPER MANNVILLE R SOLN	270	0.65	0.15	150 ^b			39		
UPPER MANNVILLE R ASSOC	294	0.65	0.10	172 ^b	134 ^b	188	39	7 402	345
UPPER MANNVILLE I ASSOC	314	0.80	0.10	226 ^b			38		373
UPPER MANNVILLE I SOLN	379	0.52	0.10	177 ^b			38		
UPPER MANNVILLE I ASSOC	3	0.70	0.10	2 ^b			38		16
UPPER MANNVILLE I TOTAL	696	0.65	0.10	405 ^b	186 ^b	219	38	8 283	
OTHER	2 446			1 479	498	981		35 963	
TOTAL-HALKIRK	3 706			2 206	818	1 388		51 648	
HALKIRK EAST 040-14W4 TOTAL-HALKIRK EAST	1 490			906	367	539		18 580	
HALLIDAY 028-14W4 TOTAL-HALLIDAY	278			191	144	47		1 754	
HAMBURG 095-11W6									
SLAVE POINT A	12 273	0.85	0.05	9 910	8 755	1 155	38 ^a	43 578	4 646
SLAVE POINT C	1 156	0.90	0.15	884	769	115	40	4 591	400
SLAVE POINT G	409	0.90	0.10	331	262	69	40	2 765	529
SLAVE POINT I	901	0.90	0.10	730	238	492	39	19 409	200
SLAVE POINT J	457	0.90	0.25	308	41	267	47	12 498	200
SLAVE POINT L	638	0.60	0.10	345	244	101	39	3 984	200
SLAVE POINT E	736	0.90	0.10	596			40		818
GILWOOD A	143	0.75	0.10	96			37		200
SL PT E & GLWD A TOTAL	879	0.85	0.10	692	181	511	40	20 220	
OTHER	2 300			1 247	452	795		31 762	
TOTAL-HAMBURG	19 013			14 447	10 942	3 505		138 807	
HAMELIN CREEK 080-06W6 TOTAL-HAMELIN CREEK	939			618	306	312		10 847	
HANGINGSTONE 084-09W4									
UPPER MANNVILLE A	3 000	0.50	0.05	1 425	1 112	313	37	11 597	29 943
MCMURRAY D	873	0.55	0.05	456	410	46	37	1 719	3 097
OTHER	4 050			2 115	1 057	1 058		39 511	
TOTAL-HANGINGSTONE	7 923			3 996	2 579	1 417		52 827	
HANLAN 047-17W5									
CARDIUM A	488	0.90	0.15	373		373	41	15 118	200
WINTERBURN B	1 200	0.75	0.10	810	594	216	37	8 091	200
BEAVERHILL LAKE A	42 000	0.85	0.25	26 775	16 836	9 939	38	376 092	8 905
BEAVERHILL LAKE B	4 706	0.85	0.25	3 000	1 994	1 006	38	37 916	1 309
OTHER	932			694	5	689		27 643	
TOTAL-HANLAN	49 326			31 652	19 429	12 223		464 860	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.63	0.207	0.65	8 060	38	0.837	0.66 0.66	1 159.4	1974 1974 1974	1996 1996 1996	PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE CONCURRENT PRODUCTION BEAU TCPL CONCURRENT PRODUCTION TCPL PRODUCTION DECLINE
10.82	0.181	0.70	8 400	44	0.849	0.66	1 167.8	1952	1998	
8.26	0.295	0.85	4 340	25	0.919	0.58	538.3	1954	1998	SIGNALT UNPACF CNRL CWNGNUL TCPL PRODUCTION DECLINE
5.40	0.293	0.75	4 190	27	0.924	0.58	562.1	1972	1998	
5.98	0.192	0.60	3 890	27	0.931	0.57	626.6	1952	1997	UNPACF TCPL CWNGNUL PRODUCTION DECLINE
8.28	0.198	0.75	3 890	28	0.932	0.57	661.5	1984	1996	SIGNALT ENGAGE PRODUCTION DECLINE
3.25	0.213	0.60	3 940	29	0.931	0.56	659.3	1973	1984	SIGNALT UNPACF POCO CWNGNUL TCPL PRODUCTION DECLINE
5.39	0.224	0.80	8 490	50	0.848	0.67 0.67	1 252.9	1991 1991	1998 1998	PANCDN GPP PANCDN GPP
5.44	0.214	0.75	9 200	46	0.850	0.65 0.65	1 228.0	1984 1984	1997 1997	GPP GPP
1.10	0.210	0.70	9 150	46	0.851	0.65	1 237.5	1984 1984	1997 1997	ASSIGNED WELL 14-35-037-17W4M POCO PANCDN GPP
18.53	0.104	0.90	26 180	112	0.974	0.61	2 539.8	1983	1996	AEL TALISMA GULF DART SHELL CRESTAR MATERIAL BALANCE
17.10	0.070	0.90	30 330	83	0.919	0.83	2 535.5	1990	1995	NRTHSTR PRODUCTION DECLINE
0.97	0.052	0.75	27 230	115	0.944	0.71	2 526.4	1994	1998	CRESTAR ULSTER PRODUCTION DECLINE
17.50	0.110	0.90	30 450	83	0.935	0.74	2 548.0	1994	1996	POCO NRTHSTR
9.80	0.120	0.75	32 780	113	0.933	1.01	2 538.0	1994	1995	POCO TOP/BASE TVD
24.50	0.070	0.80	25 700	82	0.886	0.74	2 466.2	1995	1997	CRESTAR NRTHSTR
7.83	0.060	0.85	27 800	105	0.928	0.76	2 574.6	1985	1998	
3.80	0.130	0.65	25 950	85	0.929	0.66	2 653.9	1986 1985	1991 1998	SHELL
3.48	0.333	0.70	970	12	0.980	0.56	306.7	1974	1995	NRTHSTR PARAMNT PRODUCTION DECLINE
3.76	0.299	0.70	1 870	14	0.961	0.56	442.2	1975	1996	PROGAS PARAMNT WASCANA NRTHSTR CNFRST PRODUCTION DECLINE
9.45	0.140	0.85	23 010	85	0.843	0.79	2 653.5	1974	1994	PROGAS PANALTA
44.30	0.070	0.85	60 690	123	1.284	0.61	4 133.0	1980	1998	PCOG NRTHSTR PANALTA PRODUCTION DECLINE TOP/BASE TVD
19.79	0.092	0.90	43 870	143	1.094	0.72	4 624.5	1976	1994	AEL PCOG NRTHSTR TALISMA PANALTA MATERIAL BALANCE
10.76	0.072	0.90	43 840	138	1.094	0.72	4 745.1	1979	1997	PCOG TALISMA PANALTA MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
HANNA 031-14W4 SECOND WHITE SPECKS E	535	0.65	0.05	331	20	311	37	11 420	1 024
UPPER MANNVILLE E		0.70	0.10				38		300
LOWER MANNVILLE F		0.80	0.10				39		2 807
U MANN E & L MANN F TOTAL	1 282	0.80	0.10	900	886	14	39	541	
OTHER	1 165			766	259	507		18 903	
TOTAL-HANNA	2 982			1 997	1 165	832		30 864	
HARDY 077-04W4 MCMURRAY A		0.50	0.05				37		18 335
MCMURRAY D		0.55	0.05				37		406
MCMURRAY E		0.50	0.05				38		7 330
MCMURRAY J		0.55	0.05				37		1 181
MCMURRAY K		0.50	0.05				37		424
MCMURRAY L		0.50	0.05				37		2 732
MCMURRAY N		0.50	0.05				37		2 132
MCMURRAY O		0.50	0.05				37		4 694
MCMURRAY Q		0.50	0.05				37		725
MCMURRAY R		0.55	0.05				37		200
MCMURRAY S		0.50	0.05				37		1 346
MCMURRAY U		0.50	0.05				37		200
MCMURRAY MU #1 TOTAL	6 524	0.50	0.05	3 163	2 914	249	37	9 288	
OTHER	1 237			619	228	391		14 542	
TOTAL-HARDY	7 761			3 782	3 142	640		23 830	
HARLEY 056-27W5 TOTAL-HARLEY	63			42		42		1 626	
HARMATTAN EAST 032-03W5 VIKING E SOLN	379	0.40	0.50	76b			40		
VIKING E ASSOC	822	0.65	0.10	481b	425b	132	40	5 285	2 763
RUNDLE SOLN	5 838	0.38	0.30	1 553b			41a		
RUNDLE ASSOC	36 252	c	c	28 000b	23 339b	6 214	41a	254 339	21 869
RUNDLE C	397	0.85	0.10	303	77	226	39	8 895	200
OTHER	977			679	182	497		20 214	
TOTAL-HARMATTAN EAST	44 665			31 092	24 023	7 069		288 733	
HARMATTAN-ELKTON 031-04W5 RUNDLE B SOLN	18	0.65	0.30	8b			40		
RUNDLE B ASSOC	2 353	0.85	0.15	1 700b	1 018b	690	40	27 766	2 643
RUNDLE C SOLN	5 143	0.65	0.30	2 340b			41a		
RUNDLE C ASSOC	31 326	c	c	23 300b	19 338b	6 302	41a	261 407	7 020
RUNDLE A	1 389	0.75	0.14	896	843	53	39	2 059	849
RUNDLE D	1 046	0.50	0.10	471	55	416	39	16 316	200
D-3 A	13 400	0.28	0.79	788	683	105	36	3 761	4 527
OTHER	12			8		8		310	
TOTAL-HARMATTAN-ELKTON	54 687			29 511	21 937	7 574		311 619	
HARD 101-03W6 BLUESKY A	1 741	0.85	0.05	1 406	1 242	164	37	6 027	28 000
OTHER	1 519			945	552	393		14 095	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.09	0.140	0.50	6 250	34	0.904	0.57	902.7	1953	1997	PROGAS AEL ENMARK CANOR GULF CDFRST CRESTAR TCPL RENENER PANALTA PART OF 2WS POOL NO.2
2.60	0.250	0.65	8 570	42	0.851	0.64	1 127.4	1972	1996	PRODUCTION DECLINE
1.66	0.236	0.70	8 700	43	0.849	0.65	1 150.9	1949	1996	PRODUCTION DECLINE AEL CANOR GULF CRESTAR TCPL
2.48	0.297	0.65	1 880	15	0.962	0.56	331.4	1979	1996	PRODUCTION DECLINE
2.10	0.288	0.70	1 970	10	0.957	0.56	386.1	1984	1996	PRODUCTION DECLINE
3.73	0.290	0.70	1 950	15	0.957	0.59	341.8	1984	1996	PRODUCTION DECLINE
2.67	0.288	0.60	1 970	15	0.960	0.55	342.9	1986	1996	PRODUCTION DECLINE
1.66	0.310	0.60	1 990	15	0.959	0.55	345.8	1986	1996	PRODUCTION DECLINE
1.74	0.287	0.60	1 780	13	0.963	0.56	297.4	1983	1996	PRODUCTION DECLINE
3.57	0.317	0.75	1 860	13	0.961	0.56	333.3	1986	1996	PRODUCTION DECLINE
7.31	0.309	0.75	1 780	13	0.963	0.56	309.1	1983	1996	PRODUCTION DECLINE
3.67	0.268	0.75	1 740	14	0.964	0.56	321.6	1988	1996	PRODUCTION DECLINE
3.90	0.330	0.80	1 830	15	0.963	0.56	342.6	1988	1996	PRODUCTION DECLINE
3.44	0.308	0.70	1 890	17	0.963	0.57	325.1	1980	1996	PRODUCTION DECLINE
3.60	0.310	0.55	1 700	10	0.963	0.56	334.1	1993	1996	PRODUCTION DECLINE
								1979	1996	PROGAS RIOALTO PARAMNT WASCANA TALISMA CANST AEL QUEBEC PANALTA CANOXY IOL CDFRST
						0.68		1962	1992	CRESTAR AEL POCO RIGEL UNPACF CDFRST NRTHSTR TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION
1.91	0.108	0.65	8 310	66	0.870	0.68	2 081.8	1962	1992	CRESTAR AEL POCO RIGEL UNPACF CDFRST NRTHSTR TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.82		1954	1994	CRESTAR AEL POCO BEAU UNPACF MOBIL CDFRST PANALTA TCPL APACHE PROGAS AMOCO CONC PROD, PREV GAS CYCLING, BLOWDOWN
8.59	0.086	0.80	23 600	91	0.844	0.82	2 551.0	1954	1994	CRESTAR AEL POCO BEAU UNPACF MOBIL CDFRST PANALTA TCPL APACHE PROGAS AMOCO CONC PROD, PREV GAS CYCLING, BLOWDOWN
7.80	0.130	0.85	23 530	68	0.851	0.71	2 459.4	1974	1995	TCPL SLUSH OIL
						0.71		1960	1986	AEL POCO UNPACF TALISMA TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
1.61	0.107	0.80	23 670	91	0.896	0.71	2 726.5	1960	1986	AEL POCO UNPACF TALISMA TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
						0.71		1954	1983	AEL POCO RIGEL UNPACF CDFRST TALISMA PANALTA TCPL AMOCO CONCURRENT PRODUCTION, GAS CYCLING
21.20	0.109	0.90	25 030	94	0.873	0.71	2 738.8	1954	1983	AEL POCO RIGEL UNPACF CDFRST TALISMA PANALTA TCPL AMOCO CONCURRENT PRODUCTION, GAS CYCLING
8.63	0.120	0.80	24 790	88	0.907	0.71	2 780.4	1957	1996	AEL POCO TCPL PRODUCTION DECLINE
23.00	0.120	0.90	24 300	89	0.907	0.70	2 843.2	1997	1998	
22.22	0.050	0.90	32 230	110	0.779	0.92	3 351.6	1961	1983	CONWEST AEL POCO UNPACF CDFRST TALISMA AMOCO MATERIAL BALANCE
2.53	0.193	0.40	3 100	20	0.939	0.59	468.8	1973	1998	TCPL PROGAS POCO HUSKY TALISMA CWNGNUL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
HARD 101-03W6 (CONTINUED) TOTAL-HARD	3 260			2 351	1 794	557		20 122	
HARPER 097-24W4 GROSMONT A	526	0.60	0.05	300	23	277	37	10 133	10 763
OTHER	331			189	28	161		5 889	
TOTAL-HARPER	857			489	51	438		16 022	
HARTELL 019-02W5 TOTAL-HARTELL	364			77	77				
HASTINGS 050-20W4 TOTAL-HASTINGS	407			267	140	127		4 749	
HAYNES 038-24W4 TOTAL-HAYNES	1 129			564	119	445		16 730	
HAYS 013-14W4 ARCS R	552	0.85	0.25	352	10	342	35	11 997	400
OTHER	1 614			726	136	590		19 779	
TOTAL-HAYS	2 166			1 078	146	932		31 776	
HAYTER 041-01W4 DINA B SOLN	898	0.65	0.10	526	7	519	39	20 215	
OTHER	931			539	165	374		13 054	
TOTAL-HAYTER	1 829			1 065	172	893		33 269	
HEART LAKE 069-10W4 TOTAL-HEART LAKE	1 209			592	348	244		9 033	
HEART RIVER 077-16W5 NOTIKWIN	1 967	0.72	0.05	1 345	1 263	82	37	3 071	3 802
OTHER	955			556	420	136		5 075	
TOTAL-HEART RIVER	2 922			1 901	1 683	218		8 146	
HEATHDALE 027-08W4 GLAUCONITIC F	976	0.85	0.05	789	21	768	38	28 846	1 988
OTHER	3 570			2 369	823	1 546		56 272	
TOTAL-HEATHDALE	4 546			3 158	844	2 314		85 118	
HECTOR 016-17W4 TOTAL-HECTOR	1 349			922	228	694		26 347	
HELDAR 058-07W5 NORDEGG B	1 014	0.50	0.15	431	427	4	39	155	1 956
OTHER	1 031			706	414	292		11 142	
TOTAL-HELDAR	2 045			1 137	841	296		11 297	
HELMSDALE 026-05W4 TOTAL-HELMSDALE	165			108	29	79		2 927	
HERCULES 051-23W4 TOTAL-HERCULES	796			498	173	325		11 875	
HERRONTON 019-26W4 BELLY RIVER A		0.85	0.05				36		9 782
BELLY RIVER B		0.85	0.05				36		2 491
BELLY RIVER A & B TOTAL	1 803	0.85	0.05	1 473	1 286	187	36	6 805	
TURNER VALLEY K SOLN	467	0.65	0.45	167 ^b			40		
TURNER VALLEY K ASSOC	909	0.80	0.10	654 ^b	76 ^b	745	40	29 711	562
TURNER VALLEY E	586	0.90	0.10	474	59	415	39	16 310	200
OTHER	2 438			1 518	517	1 001		38 287	
TOTAL-HERRONTON	6 203			4 286	1 938	2 348		91 113	
HIGH PRAIRIE 073-16W5 TOTAL-HIGH PRAIRIE	201			134		134		4 986	
HIGH RIVER 018-29W4 TOTAL-HIGH RIVER	216			138		138		5 388	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
7.31	0.143	0.45	1 040	18	0.979	0.58	556.2	1981	1996	AEL
9.75	0.140	0.85	11 030	49	0.819	0.86	1 337.8	1985	1996	UNPACF
						0.66		1969	1998	UNPACF GPP
4.67	0.322	0.70	3 270	24	0.940	0.56	529.4	1952	1998	WASCANA CNWE PANALTA CRESTAR PRODUCTION DECLINE SLUSH OIL
2.28	0.301	0.70	9 570	38	0.856	0.60	1 000.5	1983	1996	CONWEST RENENER CANST TCPL PROGAS
4.34	0.169	0.60	11 160	50	0.829	0.66	1 264.1	1980	1998	AEL ENGAGE CRESTAR PROGAS DIRECT PRODUCTION DECLINE DEEP CUT SL
4.15	0.212	0.65	3 280	35	0.948	0.57	908.9	1973	1993	PRODUCTION DECLINE
3.01	0.187	0.55	3 310	35	0.948	0.57	995.4	1973	1993	PRODUCTION DECLINE
								1973	1993	PCOG PANALTA BEAU NRTHSTR CWNGNUL IOL
6.21	0.176	0.80	17 040	54	0.801	0.70		1994	1998	WASCANA PANCDN CRESTAR
16.00	0.130	0.80	15 450	49	0.775	0.70	1 821.2	1994	1998	CRESTAR PANALTA CONCURRENT PRODUCTION
						0.71	1 741.4	1990	1994	CRESTAR PANALTA CONCURRENT PRODUCTION
										CANST CDNFRST CRESTAR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
HIGHLAND 029-01W4 TOTAL-HIGHLAND	69			49		49		1 786	
HIGHVALE 051-04W5									
NORDEGG D	19	0.80	0.10	14			40		128
BANFF H SOLN	726	0.65	0.15	401			42		
NORDEGG D & BANFF H TOTAL	745	0.65	0.15	415	75	340	42	14 250	
BANFF D	462	0.90	0.10	374	303	71	40	2 846	400
OTHER	3 833			2 376	1 102	1 274		49 498	
TOTAL-HIGHVALE	5 040			3 165	1 480	1 685		66 594	
HILL 086-11W6 TOTAL-HILL	164			117	66	51		1 967	
HINES 086-03W6									
SPIRIT RIVER F	1 538	0.55	0.05	804	699	105	38	3 965	3 228
OTHER	2 236			1 292	780	512		19 049	
TOTAL-HINES	3 774			2 096	1 479	617		23 014	
HINTON 051-25W5									
DUNVEGAN A	800	0.50	0.05	380	366	14	38	532	3 395
OTHER	202			144		144		5 476	
TOTAL-HINTON	1 002			524	366	158		6 008	
HOLBURN 050-01W5 TOTAL-HOLBURN	1 082			723	262	461		17 921	
HOLLOW 061-20W4 TOTAL-HOLLOW	520			327	178	149		5 610	
HOLMBERG 044-17W4									
BELLY RIVER A	386	0.80	0.05	294			36		3 431
BELLY RIVER A	33	0.70	0.05	22			37		250
BELLY RIVER A TOTAL	419	0.80	0.05	316	155	161	36	5 772	
MANNVILLE D	443	0.75	0.10	299			37		549
UPPER MANNVILLE D	450	0.80	0.05	342			36		1 250
MANN D & UPPER MANN D TOTAL	893	0.75	0.05	641	426	215	37	7 908	
GLAUCONITIC E	1 255	0.75	0.10	847	345	502	39	19 332	1 325
GLAUCONITIC BB	679	0.75	0.10	458	345	113	39	4 379	690
OTHER	6 012			3 842	1 362	2 480		92 510	
TOTAL-HOLMBERG	9 258			6 104	2 633	3 471		129 901	
HOMEGLLEN-RIMBEY 043-01W5 D-3 SOLN	2 874	0.50	0.20	1 150 ^b			39		
D-3 ASSOC	30 588	0.91	0.15	23 660 ^b	24 731 ^b	79	39	3 042	4 661
OTHER	1 922			1 300	390	910		35 360	
TOTAL-HOMEGLLEN-RIMBEY	35 384			26 110	25 121	989		38 402	
HONEYSUCKLE 046-26W4 TOTAL-HONEYSUCKLE	442			271	222	49		1 912	
HOOKE 015-29W4 LIV 05-015-29 TOTAL-HOOKE	677 677	0.85 0.20		460 460		460 460	38	17 577 17 577	200
HOOLE 081-24W4 WABISKAW A	1 921	0.70	0.05	1 278	1 168	110	37	4 080	6 991
WABAMUN A		0.55	0.05				37		10 511
BLUERIDGE A		0.50	0.05				37		400
WABAMUN A&BLUERIDGE A TOTAL	3 138	0.65	0.05	1 938	1 784	154	37	5 670	
OTHER	854			502	242	260		9 652	
TOTAL-HOOLE	5 913			3 718	3 194	524		19 402	
HORSE (SA) 058-27W5 TOTAL-HORSE	300			203		203		7 867	
HORSEFLY LAKE 008-16W4 TOTAL-HORSEFLY LAKE	161			28	4	24		913	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.40	0.090	0.60	17 230	49	0.761	0.73 0.74	1 587.3	1981 1981 1981	1986 1993 1993	GPP AEL GPP AMOCO PRODUCTION DECLINE
6.84	0.197	0.70	17 840	55	0.808	0.68	1 529.6	1983	1998	
3.99	0.306	0.65	2 860	29	0.950	0.56	610.5	1978	1997	AEL PANALTA PRODUCTION DECLINE
4.34	0.097	0.55	54 380	97	1.230	0.59	3 188.8	1974	1995	PANALTA PRODUCTION DECLINE
2.13 2.20	0.280 0.300	0.60 0.65	3 020 3 020	17 24	0.943 0.945	0.58 0.56	392.3 389.1	1971 1971 1971	1997 1994 1997	ASSIGNED WELL 00/14-9-44-17W4 CNRL IOL POCD TCPL
5.66 2.70	0.226 0.224	0.80 0.75	7 540 7 620	39 39	0.872 0.876	0.67 0.64	1 046.6 1 027.6	1977 1971 1971	1996 1997 1997	TCPL IOL CNRL CNRL TCPL AMOCO TCPL CNRL
6.61 6.57	0.227 0.230	0.80 0.85	7 640 7 580	42 48	0.874 0.877	0.66 0.66	1 042.2 1 043.1	1971 1952	1996 1998	
52.52	0.080	0.90	19 530	82	0.844	0.78	2 384.5	1953	1997	PANCDN PANALTA UNPACF CDNFRST ENGAGE GULF CRESTAR POCD PROGAS TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION PANCDN PANALTA UNPACF CDNFRST ENGAGE GULF CRESTAR POCD PROGAS TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
21.00	0.090	0.80	25 310	87	0.893	0.77	3 388.0	1980	1994	MOBIL BER
2.33 6.61 5.15	0.290 0.182 0.132	0.65 0.70 0.55	2 680 2 270 2 230	17 17 20	0.946 0.954 0.957	0.57 0.58 0.57	419.1 456.9 479.9	1967 1967 1988 1967	1997 1998 1998 1998	CGGS NRTHSTR PROGAS AMOCO PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE CGGS NRTHSTR PROGAS PANALTA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
HOSELAW 060-06W4 TOTAL-HOSELAW	314			193	92	101		3 771	
HOSPITAL CREEK (SA) 085-02W5 TOTAL-HOSPITAL CREEK	9			5		5		188	
HOTCHKISS 094-01W6 BLSK-DETR-DBLT A		0.80	0.05				36		8 029
BLSK-DETR-DBLT A		0.80	0.05				37		300
BLSK-DETR-DBLT A TOTAL	6 169	0.80	0.05	4 688	4 426	262	37	9 681	
BLUESKY A		0.80	0.05				37		5 498
BLUESKY B		0.70	0.05				37		200
BLUESKY D		0.80	0.05				37		2 177
BLUESKY E		0.80	0.05				37		4 823
BLUESKY G		0.65	0.05				37		200
BLUESKY I		0.70	0.05				36		200
SHUNDA A		0.80	0.05				37		15 808
BLUESKY&SHUNDA MU #1 TOTAL	6 886	0.80	0.05	5 168	4 778	390	35	13 794	
DEBOLT B	1 206	0.50	0.05	573	572	1	36	36	1 734
SLAVE POINT A	414	0.90	0.15	317	6	311	36	11 261	400
GILWOOD G	594	0.80	0.10	428	131	297	32	9 605	200
GILWOOD H	927	0.80	0.05	705	216	489	38	18 494	400
OTHER	2 882			1 828	967	861		31 454	
TOTAL-HOTCHKISS	19 078			13 707	11 096	2 611		94 325	
HOUSE 082-15W4 GROSMONT A	6 900	0.32	0.05	2 098	1 901	197	37	7 287	69 005
OTHER	425			219	48	171		6 178	
TOTAL-HOUSE	7 325			2 317	1 949	368		13 465	
HOWARD 079-05W6 TOTAL-HOWARD	183			124	28	96		3 718	
HUDSON 030-02W4 VIKING A	1 050	0.80	0.08	773	755	18	37	666	7 623
OTHER	836			566	159	407		15 132	
TOTAL-HUDSON	1 886			1 339	914	425		15 798	
HUNTER VALLEY 029-09W5 RUNDLE A	3 370	0.75	0.25	1 896	1 228	668	38	25 070	1 117
TOTAL-HUNTER VALLEY	3 370			1 896	1 228	668		25 070	
HUSSAR 025-20W4 BELLY RIVER A		0.65	0.05				37		3 497
BELLY RIVER D		0.55	0.05				37		3 699
BELLY RIVER A & D TOTAL	875	0.80	0.05	665	586	79	37	2 914	
MILK RIVER A	193	0.50	0.05	92			36		2 453
MEDICINE HAT A	4 344	0.60	0.03	2 528			36		63 330
BELLY RIVER C	58	0.55	0.05	30			37		646
SE ALTA GAS SYS (MU) TOTAL	4 595	0.60	0.05	2 650	764	1 886	36	68 801	
VIKING B	529	0.75	0.10	357	351	6	38	228	4 684
VIKING E	412	0.85	0.05	333	328	5	37	187	5 499
VIKING D	235	0.70	0.05	157			38		2 202
GLAUCONITIC FF	631	0.85	0.15	456			39		840
GLAUCONITIC D3D	15	0.50	0.10	7			39		150
VIKING D, GLC FF & D3D TOTAL	881	0.80	0.15	620	513	107	39	4 127	
BASAL COLORADO A	584	0.90	0.05	500	382	118	37	4 410	6 422
BASAL COLORADO C	690	0.85	0.05	558	546	12	37	442	6 507
GLAUCONITIC B SOLN	105	0.65	0.15	58b			38		
GLAUCONITIC B ASSOC	609	0.90	0.10	493b	538b	13	38	500	1 329
GLAUCONITIC A ASSOC	2 364	0.92	0.10	1 958b			39		2 397
GLAUCONITIC A SOLN	572	0.65	0.25	279b			39		
GLAUCONITIC A ASSOC	344	0.80	0.10	247b			39		256
GLAUCONITIC A TOTAL	3 280	0.85	0.10	2 484b	2 005b	479	39	18 533	
GLAUCONITIC N	4 300	0.80	0.10	3 096	3 086	10	39	388	5 099

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.32	0.203	0.75	5 480	31	0.910	0.58	729.8	1973	1998	PART OF BLSKY-DETR-DBLT NO.1 PRODUCTION DECLINE
4.70	0.201	0.65	5 480	30	0.908	0.56	709.5	1973	1998	PART OF BLSKY-DETR-DBLT NO.1 PRODUCTION DECLINE
								1973	1998	UNPACF PANALTA AMOCO PART OF BLSKY-DETR-DBLT NO.1
1.53	0.226	0.65	5 360	38	0.917	0.58	676.3	1971	1994	PRODUCTION DECLINE
1.50	0.210	0.70	3 970	26	0.929	0.58	709.7	1974	1994	PRODUCTION DECLINE
1.29	0.227	0.60	5 350	30	0.910	0.57	715.3	1974	1994	PRODUCTION DECLINE
1.39	0.237	0.70	5 220	26	0.908	0.58	649.8	1976	1994	PRODUCTION DECLINE
1.00	0.180	0.70	5 140	25	0.908	0.56	663.4	1977	1994	PRODUCTION DECLINE
0.62	0.150	0.65	5 020	31	0.919	0.59	678.5	1978	1994	PRODUCTION DECLINE
3.32	0.185	0.55	5 360	29	0.907	0.58	681.2	1974	1994	PRODUCTION DECLINE
4.39	0.223	0.80	5 440	27	0.905	0.59	689.8	1971	1994	AEL PARAMNT UNPACF IOL AMOCO PANALTA TCPL
5.90	0.100	0.90	19 850	74	0.835	0.81	2 073.1	1972	1996	PANALTA AMOCO PRODUCTION DECLINE
13.25	0.150	0.80	21 000	75	0.919	0.69	2 076.8	1989	1996	TCPL CHEVRON TOP/BASE TVD
11.05	0.156	0.70	20 920	75	0.890	0.62	2 046.7	1990	1998	TCPL WASCANA CNFRST
								1991	1995	TCPL WASCANA CNFRST
25.85	0.117	0.25	1 370	14	0.972	0.57	303.5	1973	1997	RENENER RIOALTO PANALTA IOL PARAMNT PRODUCTION DECLINE
1.85	0.219	0.55	5 170	29	0.911	0.58	732.3	1956	1995	CRESTAR PANALTA TCPL AMOCO PRODUCTION DECLINE
16.21	0.061	0.80	24 670	62	0.858	0.67	2 628.1	1962	1998	RIOALTO PCOG PANALTA TCPL MATERIAL BALANCE TOP/BASE TVD
2.36	0.240	0.55	4 180	25	0.926	0.56	621.8	1959	1995	PRODUCTION DECLINE
1.91	0.250	0.50	3 090	26	0.946	0.56	637.7	1960	1995	PRODUCTION DECLINE
								1959	1995	PANCDN TCPL
2.82	0.154	0.55	3 140	16	0.938	0.57	798.7	1910	1994	PART OF MILK RIV POOL NO.1
1.59	0.170	0.55	4 310	17	0.916	0.57	827.9	1904	1994	PART OF MED HAT POOL NO.1
2.22	0.230	0.55	3 170	26	0.943	0.56	649.5	1964	1984	
1.72	0.167	0.60	8 020	38	0.860	0.63	1 232.2	1904	1994	CNRL CRESTAR PANCDN PROGAS TCPL
1.08	0.203	0.70	8 490	42	0.871	0.60	1 143.4	1955	1995	PANCDN TCPL PRODUCTION DECLINE
1.64	0.171	0.50	7 390	41	0.879	0.62	1 228.3	1961	1997	TCPL PANCDN PRODUCTION DECLINE
2.19	0.180	0.80	10 050	51	0.796	0.76	1 397.2	1994	1996	
3.00	0.190	0.70	2 740	52	0.948	0.68	1 437.5	1968	1997	PRODUCTION DECLINE
1.08	0.160	0.70	8 550	40	0.868	0.61	1 320.1	1994	1997	TCPL PANCDN CWNNGNUL
1.07	0.177	0.70	8 470	39	0.883	0.57	1 255.8	1968	1997	TCPL MATERIAL BALANCE
						0.67		1952	1984	TCPL MATERIAL BALANCE
								1955	1996	PANCDN TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
2.29	0.203	0.70	10 140	45	0.828	0.67	1 428.8	1956	1985	PANCDN TCPL MATERIAL BALANCE CONCURRENT PRODUCTION
5.14	0.227	0.75	10 200	44	0.812	0.69	1 426.1	1952	1996	CONING GAS CAP GPP
7.19	0.219	0.75	10 180	46	0.816	0.69	1 438.1	1952	1996	CONING GAS CAP
4.39	0.210	0.70	10 140	44	0.830	0.64	1 365.8	1952	1996	TCPL CONING GAS CAP, GPP
								1955	1997	TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
HUSSAR 025-20W4 (CONTINUED)									
GLAUCONITIC P	673	0.85	0.10	515	492	23	40	914	150
GLAUCONITIC Q	827	0.90	0.10	670	608	62	40	2 458	617
GLAUCONITIC R	579	0.85	0.10	443	423	20	39	779	150
GLAUCONITIC JJ	48	0.75	0.10	32			40		150
GLAUCONITIC JJ	92	0.75	0.10	62			39		234
GLAUCONITIC JJ	1 843	0.65	0.10	1 078			39		6 645
GLAUCONITIC JJ	207	0.75	0.10	140			40		150
GLAUCONITIC JJ TOTAL	2 190	0.65	0.10	1 312	717	595	39	23 389	
GLAUCONITIC W2W ASSOC		0.70	0.10				39		42
GLAUCONITIC W2W SOLN	38	0.40	0.16	13 ^b			39		
GLAUCONITIC W2W ASSOC		0.70	0.10				39		75
GLAUCONITIC W2W TOTAL	474	0.70	0.05	303 ^b	251 ^b	52	39	2 031	
GLAUCONITIC S	145	0.75	0.10	98 ^b			38		748
GLAUCONITIC S	179	0.75	0.10	121 ^b			40		628
BASAL MANNVILLE M ASSOC	186	0.70	0.10	117 ^b			40		330
BASAL MANNVILLE M SOLN	25	0.65	0.20	13 ^b			40		
BASAL MANNVILLE FFF	33	0.75	0.10	23 ^b			39		150
GLAUC S,BSL MN M&FFF TOTAL	568	0.75	0.10	372 ^b	179 ^b	193	39	7 608	
GLAUCONITIC B3B	577	0.85	0.10	441	160	281	39	11 012	150
VIKING L		0.65	0.10				37		3 671
VIKING L		0.65	0.10				39		75
GLAUCONITIC III	615	0.80	0.10	443			39		2 352
VIKING L & GLAUC III TOTAL	1 585	0.65	0.10	927	771	156	37	5 741	
OSTRACOD R	685	0.85	0.10	524	323	201	40	7 946	2 952
OTHER	12 665			7 822	4 229	3 593		138 653	
TOTAL-HUSSAR	37 683			25 143	17 252	7 891		301 061	
HUTCH 113-21W5									
TOTAL-HUTCH	189			114		114		4 240	
HUXLEY 034-24W4									
VIKING A		0.70	0.10				39		5 160
UPPER MANNVILLE A		0.70	0.10				39		200
LOWER MANNVILLE A		0.75	0.10				40		300
VIK A,UMN A & LMN A TOTAL	1 857	0.70	0.10	1 170	1 080	90	39	3 519	
UPPER MANNVILLE I	454	0.80	0.10	327	1	326	40	13 079	450
OTHER	1 914			1 168	532	636		24 922	
TOTAL-HUXLEY	4 225			2 665	1 613	1 052		41 520	
HYLO 066-15W4									
GRAND RAPIDS A	527	0.80	0.05	401	26	375	38	14 209	2 783
LOWER MANNVILLE A	838	0.75	0.05	598	216	382	37	14 165	6 122
OTHER	1 109			628	500	128		4 764	
TOTAL-HYLO	2 474			1 627	742	885		33 138	
HYTHE 073-09W6									
TOTAL-HYTHE	1 431			899	260	639		25 951	
INLAND 051-15W4									
BELLY RIVER F	750	0.60	0.05	428	362	66	37	2 423	2 769
UPPER VIKING C		0.40	0.05				37		11 223
UPPER VIKING E		0.70	0.05				36		200
MIDDLE VIKING F		0.50	0.05				37		5 008
MIDDLE VIKING G		0.50	0.05				36		1 727
MIDDLE VIKING I		0.70	0.05				37		1 315
UPPER MANNVILLE A		0.75	0.05				37		300
UVK CE,MVK FGI & UMA TOTAL	896	0.50	0.05	409	330	79	37	2 894	
OTHER	1 733			904	521	383		14 132	
TOTAL-INLAND	3 379			1 741	1 213	528		19 449	
INNISFAIL 035-01W5									
D-3 SOLN	5 538	0.65	0.40	2 160 ^b			39		
D-3 ASSOC	253	0.75	0.30	133 ^b	2 235 ^b	58	39	2 270	307
OTHER	1 613			1 016	57	959		38 385	
TOTAL-INNISFAIL	7 404			3 309	2 292	1 017		40 655	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
17.37	0.220	0.75	10 290	43	0.816	0.66	1 374.9	1957	1994	TCPL MATERIAL BALANCE
3.23	0.208	0.70	10 140	44	0.817	0.66	1 401.2	1960	1997	PRODUCTION DECLINE
17.68	0.210	0.70	10 290	43	0.812	0.68	1 416.4	1960	1997	PRODUCTION DECLINE
3.00	0.160	0.60	9 900	39	0.812	0.66	1 380.2	1960	1988	
4.01	0.168	0.55	9 750	44	0.828	0.66	1 395.3	1960	1982	
2.40	0.173	0.60	9 890	44	0.797	0.72	1 396.8	1960	1995	SLUSH OIL
4.00	0.230	0.75	10 030	43	0.816	0.66	1 400.4	1960	1994	PRODUCTION DECLINE ASSIGNED WELL 00/10-30-25-19W4
								1960	1997	CNRL TCPL PANCDN
1.71	0.256	0.85	10 480	45	0.821	0.67	1 453.2	1980	1998	PRODUCTION DECLINE GPP
						0.67		1980	1998	PRODUCTION DECLINE GPP
3.40	0.212	0.75	10 480	45	0.821	0.67	1 452.8	1980	1998	PRODUCTION DECLINE GPP
								1980	1998	GPP
1.70	0.157	0.70	9 450	40	0.829	0.67	1 387.3	1962	1997	
2.21	0.170	0.70	9 880	43	0.821	0.66	1 375.8	1962	1997	
1.84	0.160	0.65	9 990	51	0.830	0.68	1 398.8	1964	1993	PRODUCTION DECLINE GPP
						0.68		1964	1993	PRODUCTION DECLINE GPP
1.20	0.230	0.70	10 100	41	0.810	0.67	1 410.9	1964	1995	
								1962	1997	PANCDN GPP
22.00	0.210	0.80	9 810	50	0.830	0.68	1 365.0	1995	1995	PANCDN
3.16	0.152	0.55	6 230	31	0.881	0.64	1 038.4	1954	1997	PART OF GLAUC POOL NO.6 PRODUCTION DECLINE
1.00	0.140	0.50	5 900	28	0.872	0.64	1 057.3	1954	1997	PART OF GLAUC POOL NO.6 PRODUCTION DECLINE ASSIGNED WELL 02/06-31-023-17W4M
2.31	0.193	0.55	10 000	46	0.836	0.65	1 233.6	1954	1996	PART OF GLAUC POOL NO.6
								1954	1997	TCPL PROGAS PANCDN PART OF GLAUC POOL NO.6
1.74	0.198	0.70	10 210	46	0.827	0.66	1 445.4	1956	1996	PANCDN TCPL MATERIAL BALANCE
4.03	0.150	0.50	8 570	52	0.861	0.66	1 482.8	1962	1998	PRODUCTION DECLINE
2.10	0.180	0.50	11 250	60	0.833	0.68	1 592.5	1963	1998	PRODUCTION DECLINE
8.10	0.123	0.70	11 420	62	0.836	0.68	1 681.6	1962	1998	PRODUCTION DECLINE
								1962	1998	CRESTAR PROGAS TCPL
7.93	0.151	0.80	9 500	45	0.806	0.70	1 639.0	1985	1995	CRESTAR PROGAS PAWTUCK
3.11	0.329	0.60	2 990	20	0.941	0.57	387.7	1972	1998	CNRL TCPL
3.62	0.273	0.55	2 460	19	0.951	0.56	482.6	1972	1996	CNRL TCPL
4.75	0.309	0.50	1 120	15	0.978	0.56	147.0	1973	1996	MARATHN POCO CWNGNUL TCPL AMOCO PRODUCTION DECLINE
0.94	0.205	0.40	5 250	28	0.901	0.61	657.2	1961	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
1.70	0.300	0.60	4 670	23	0.911	0.60	679.0	1982	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
										RESERVES CARRIED ON MID VIK F
1.11	0.214	0.50	5 400	27	0.901	0.60	688.3	1971	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE INCLUDES UPPER VIK E RESERVES
0.78	0.178	0.40	4 440	26	0.918	0.60	656.1	1973	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
0.67	0.184	0.40	4 670	27	0.912	0.60	677.7	1975	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
2.25	0.225	0.75	6 080	27	0.881	0.62	691.7	1973	1997	PART OF VIK POOL NO.7 PRODUCTION DECLINE
								1961	1997	SIGNALT PANCDN BEAU UNPACF POCO PROGAS PANALTA CWNGNUL TCPL WASCANA AMOCO PART OF VIK POOL NO.7
6.52	0.058	0.85	24 480	68	0.795	0.84	2 565.9	1957	1996	GARDNER TCPL GPP
						0.84		1957	1996	GARDNER TCPL GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
IPIATIK 072-09W4 GRAND RAPIDS A	1 344	0.50	0.05	638	561	77	37	2 837	8 156
GRAND RAPIDS B	684	0.50	0.05	325	288	37	37	1 363	7 737
OTHER	904			458	244	214		7 810	
TOTAL-IPIATIK	2 932			1 421	1 093	328		12 010	
IRON SPRINGS 011-20W4 TOTAL-IRON SPRINGS	501			325	138	187		6 794	
IRRICANA 028-27W4 WABAMUN A	1 586	0.50	0.15	674	616	58	36	2 104	801
WABAMUN B	1 226	0.55	0.25	506	99	407	36	14 819	2 758
WABAMUN C	1 355	0.80	0.15	921	313	608	37	22 283	1 687
OTHER	1 148			744	168	576		21 920	
TOTAL-IRRICANA	5 315			2 845	1 196	1 649		61 126	
ISLAY 050-04W4 TOTAL-ISLAY	843			560	197	363		13 108	
JACK 085-04W6 SPIRIT RIVER B	515	0.80	0.05	391	353	38	37	1 421	2 298
OTHER	551			362	118	244		9 120	
TOTAL-JACK	1 066			753	471	282		10 541	
JARVIE 063-01W5 ELLERSLIE B	1 129	0.75	0.05	805	247	558	38	21 254	2 511
OTHER	2 233			1 521	518	1 003		38 118	
TOTAL-JARVIE	3 362			2 326	765	1 561		59 372	
JARVIE NORTH 064-02W5 TOTAL-JARVIE NORTH	536			343	69	274		10 542	
JASLAN 067-20W4 TOTAL-JASLAN	556			346	205	141		5 271	
JAYAR 061-03W6 CARDIUM A	431	0.85	0.10	329	10	319	39	12 352	200
OTHER	843			415	134	281		11 223	
TOTAL-JAYAR	1 274			744	144	600		23 575	
JEFFREY 059-23W4 TOTAL-JEFFREY	459			288	172	116		4 344	
JENNER 020-09W4 MILK RIVER A	5 278	0.60	0.05	3 009			36		44 654
MEDICINE HAT A	1 914	0.60	0.03	1 114			36		36 071
MEDICINE HAT C	74	0.50	0.03	36			36		2 841
MEDICINE HAT D	144	0.50	0.03	70			36		4 999
SECOND WHITE SPECKS A	1 585	0.60	0.05	903			36		20 095
SE ALTA GAS SYS(MU) TOTAL	8 995	0.60	0.05	5 132	3 201	1 931	36	70 424	
VIKING J.	863	0.91	0.05	746	713	33	37	1 224	5 561
BASAL COLORADO D	651	0.85	0.05	525	163	362	36	13 159	2 166
UPPER MANNVILLE D SOLN	295	0.28	0.20	66 ^b			35		
UPPER MANNVILLE D ASSOC	344	0.85	0.05	277 ^b	230 ^b	113	35	4 007	400
ARCS A	1 247	0.85	0.25	795	601	194	34	6 621	400
OTHER	6 250			4 003	2 068	1 935		68 429	
TOTAL-JENNER	18 645			11 544	6 976	4 568		163 864	
JENSEN (SA) 004-20W4 TOTAL-JENSEN	102			64		64		2 445	
JILES 063-21W4 TOTAL-JILES	268			165	46	119		4 433	
JOAN 092-10W5 TOTAL-JOAN	676			376	233	143		5 205	
JOARCAM 048-21W4 VIKING C SOLN	5	0.65	0.05	3 ^b			38		

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.46	0.297	0.70	1 610	14	0.967	0.56	315.2	1974	1997	PARAMNT HUSKY CANST PANALTA IOL RIOALTO PROGAS PRODUCTION DECLINE RIOALTO PANALTA AMOCO
2.75	0.282	0.70	1 590	14	0.968	0.56	318.6	1974	1997	
4.07	0.050	0.70	24 340	74	0.902	0.71	2 317.0	1958	1998	TCPL PANCDN MATERIAL BALANCE RIGEL PANCDN CRESTAR PANALTA RIGEL MOBIL DIRECT NRTHSTR CANST
5.81	0.055	0.65	24 140	85	0.896	0.74	2 333.5	1969	1998	
7.68	0.064	0.75	24 900	83	0.913	0.72	2 243.7	1980	1997	
2.94	0.295	0.65	3 850	24	0.928	0.57	585.2	1993	1997	
4.32	0.226	0.70	6 260	32	0.887	0.61	904.6	1965	1997	RENENER CNRL AMOCO PROGAS
9.60	0.180	0.80	15 280	60	0.837	0.64	1 935.3	1979	1996	
6.02	0.154	0.55	3 140	16	0.938	0.56	393.8	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.1 PART OF MED HAT POOL NO.3 PART OF MED HAT POOL NO.4 PART OF 2WS POOL NO.1 BEAU ENGAGE AEC CRESTAR PANALTA DIRECT TCPL RENENER CRESTAR BEAU AEC CNRL TCPL PRODUCTION DECLINE BEAU CNRL CRESTAR DIRECT TCPL CONING GAS CAP GPP CRESTAR DIRECT TCPL CONING GAS CAP GPP CRESTAR PRODUCTION DECLINE
1.23	0.170	0.55	4 310	17	0.916	0.56	480.9	1904	1994	
0.66	0.139	0.60	4 450	19	0.916	0.56	479.5	1973	1987	
0.73	0.139	0.60	4 450	19	0.916	0.56	505.6	1973	1987	
1.02	0.216	0.60	5 690	27	0.904	0.56	664.5	1944	1994	
								1904	1994	
1.64	0.231	0.55	6 750	27	0.879	0.59	747.5	1971	1997	
2.11	0.226	0.65	8 950	33	0.858	0.60	855.5	1980	1996	UNPACF WASCANA CNRL POCO PANCDN PROGAS
						0.61		1952	1997	
4.22	0.268	0.70	10 270	38	0.864	0.61	946.8	1952	1997	
17.00	0.134	0.80	10 680	36	0.799	0.85	1 222.3	1981	1998	
						0.62		1949	1997	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
JOARCAM 048-21W4 (CONTINUED)									
VIKING C ASSOC	821	0.60	0.05	468 ^b	109 ^b	362	38	13 774	20 277
VIKING ASSOC		0.80	0.35				37		12 231
VIKING SOLN	1 502	0.55	0.40	496 ^b			37		
VIKING ASSOC		0.55	0.05				38		32
VIKING ASSOC		0.70	0.10				38		49
VIKING ASSOC		0.70	0.10				38		82
VIKING ASSOC		0.70	0.10				38		13
VIKING TOTAL	4 143	0.70	0.35	1 869 ^b	1 613 ^b	256	37	9 434	
OTHER	1 335			938	185	753		27 527	
TOTAL-JOARCAM	6 304			3 278	1 907	1 371		50 735	
JOFFRE 038-26W4									
VIKING SOLN	2 516	0.45	0.50	566 ^b			40		
VIKING ASSOC	65	0.55	0.10	32 ^b	-76 ^b	674	40	26 980	495
BLAIRMORE U	441	0.85	0.10	338	46	292	40	11 674	300
UPPER MANNVILLE A		0.85	0.15				41		205
UPPER MANNVILLE B		0.70	0.10				40		150
BLAIRMORE C		0.85	0.10				34		894
U MANN A&B, BLAIR C TOTAL	1 059	0.85	0.10	792	770	22	40	886	
D-2 SOLN	3 938	0.32	0.50	630	589	41	43	1 754	
OTHER	4 928			2 991	1 060	1 931		76 354	
TOTAL-JOFFRE	12 947			5 349	2 389	2 960		117 648	
JOHN LAKE 055-01W4									
COLONY D	479	0.70	0.05	318	235	83	36	3 009	680
COLONY E	656	0.80	0.05	499	435	64	36	2 316	2 692
OTHER	3 824			2 376	1 532	844		28 788	
TOTAL-JOHN LAKE	4 959			3 193	2 202	991		34 113	
JOHNSON 016-14W4									
MILK RIVER A	536	0.50	0.05	255			36		4 306
SECOND WHITE SPECKS A	137	0.50	0.05	66			36		2 427
SE ALTA GAS SYS(MU) TOTAL	673	0.50	0.05	321	13	308	36	11 233	
OTHER	677			343	179	164		5 969	
TOTAL-JOHNSON	1 350			664	192	472		17 202	
JOLI FOU (SA) 081-20W4									
TOTAL-JOLI FOU	12			7		7		258	
JOLIET 025-07W4									
TOTAL-JOLIET	51			36		36		1 334	
JOSEPHINE 083-09W6									
KISKATINAW A	1 217	0.76	0.10	833	749	84	39	3 249	1 600
TOTAL-JOSEPHINE	1 217			833	749	84		3 249	
JUDY CREEK 063-10W5									
VIKING A SOLN	288	0.65	0.30	131 ^b			38		
VIKING A ASSOC	3 044	0.90	0.15	2 329 ^b	2 456 ^b	4	38	153	9 021
BEAVERHILL LAKE A SOLN	18 478	0.46	0.30	5 950 ^b			43		
BEAVERHILL LAKE A ASSOC		0.70	0.10		4 510 ^b	1 440	43	61 747	
BEAVERHILL LAKE B SOLN	7 708	0.48	0.20	2 960 ^b			43		
BEAVERHILL LAKE B ASSOC		0.70	0.10		1 915 ^b	1 045	43	44 810	
OTHER	747			496	244	252		9 808	
TOTAL-JUDY CREEK	30 265			11 866	9 125	2 741		116 518	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.81	0.166	0.50	6 000	42	0.899	0.62	983.5	1949	1997	CWNGNUL IOL AMOCO CONCURRENT PRODUCTION UNPACF WASCANA CNRL POCO PANCDN PROGAS
2.03	0.197	0.70	5 960	38	0.895	0.64	988.0	1949	1998	CWNGNUL IOL AMOCO CONCURRENT PRODUCTION PRODUCTION DECLINE CONCURRENT PRODUCTION, GAS FLOOD
						0.64		1949	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION, GAS FLOOD
1.55	0.205	0.70	4 680	37	0.919	0.61	990.0	1949	1988	PRODUCTION DECLINE ASSIGNED WELL 09-18-049-21W4M
0.63	0.196	0.70	7 750	37	0.857	0.65	968.6	1949	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.22	0.190	0.75	7 740	37	0.857	0.65	968.2	1949	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
0.91	0.189	0.75	7 870	38	0.857	0.65	992.9	1949	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1949	1998	UNPACF WASCANA CNRL TALISMA POCO PANCDN PROGAS CWNGNUL IOL AMOCO CONCURRENT PRODUCTION
						0.71		1953	1997	CRESTAR GARDNER BEAU UNPACF AMOCO CNRL TCPL POCO BLUERGER IOL CWNGNUL TALISMA PRODUCTION DECLINE GPP.
1.19	0.099	0.55	6 570	55	0.871	0.71	1 457.1	1953	1997	CRESTAR GARDNER BEAU UNPACF AMOCO CNRL TCPL POCO BLUERGER IOL CWNGNUL TALISMA PRODUCTION DECLINE GPP.
7.94	0.178	0.70	14 550	69	0.814	0.72	1 763.8	1958	1996	BLUERGER
3.91	0.230	0.90	14 180	65	0.769	0.78	1 761.0	1967	1996	PRODUCTION DECLINE
3.30	0.120	0.75	11 200	70	0.838	0.71	1 784.5	1964	1996	PRODUCTION DECLINE
1.62	0.147	0.75	16 410	70	0.852	0.76	1 831.7	1959	1996	PRODUCTION DECLINE
						0.86		1959	1996	AEL CNRL BLUERGER RIFE CWNGNUL TCPL POCO
								1956	1998	BEAU BLUERGER CHEL TALISMA GARDNER POCO WASCANA IOL TCPL GPP
3.24	0.287	0.60	2 640	16	0.948	0.57	462.7	1985	1997	CNRL POCO IOL PRODUCTION DECLINE
3.91	0.301	0.70	2 700	15	0.946	0.58	436.8	1976	1996	CNRL TALISMA POCO PRODUCTION DECLINE
3.33	0.154	0.55	3 140	16	0.938	0.57	342.7	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.73	0.216	0.60	5 690	27	0.904	0.56	640.5	1944 1910	1994 1994	PART OF 2WS POOL NO.1 PANCDN
9.27	0.138	0.70	15 640	69	0.845	0.66	1 749.9	1974	1997	TCPL PRODUCTION DECLINE
2.13	0.184	0.65	8 890	56	0.879	0.62	1 386.1	1959	1991	AEL PCOG POCO HUSKY CRESTAR MATERIAL BALANCE CONCURRENT PRODUCTION, DEEP CUT SL
						0.62		1959	1991	AEL PCOG POCO HUSKY CRESTAR MATERIAL BALANCE CONCURRENT PRODUCTION, DEEP CUT SL
						0.87		1959	1990	POCO PCOG DEEP CUT SL, GAS BREAKTHRU, GPP
						0.87		1959	1990	POCO PCOG DEEP CUT SL, GAS BREAKTHRU, GPP
						0.87		1959	1990	AEL IOL GPP, DEEP CUT SL
						0.87		1959	1990	AEL IOL GPP, DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
JUDY CREEK SOUTH 062-12W5									
RUNDLE A	418	0.80	0.10	301		301	39	11 691	200
OTHER	996			494	126	368		14 876	
TOTAL-JUDY CREEK SOUTH	1 414			795	126	669		26 567	
JUMPBUSH 019-20W4									
BOW ISLAND C	435	0.75	0.05	310			36		1 576
BOW ISLAND F	29	0.75	0.05	21			36		400
BOW ISLAND C & F TOTAL	464	0.75	0.05	331	276	55	36	1 987	
OTHER	1 671			785	383	402		15 912	
TOTAL-JUMPBUSH	2 135			1 116	659	457		17 899	
JUMPING POUND 025-04W5									
MISSISSIPPIAN	6 435	0.88	0.17	4 700			39		1 303
MISSISSIPPIAN	18 209	0.88	0.17	13 300			39		1 908
MISSISSIPPIAN TOTAL	24 644	0.90	0.15	18 000	16 450	1 550	39	60 838	
OTHER	301			190	18	172			
TOTAL-JUMPING POUND	24 945			18 190	16 468	1 722		60 838	
JUMPING POUND WEST 025-06W5									
RUNDLE C	18 529	0.85	0.20	12 600	9 720	2 880	39	111 370	3 549
RUNDLE A		0.85	0.20				39		7 891
RUNDLE B		0.85	0.20				39		1 143
RUNDLE A & B TOTAL	54 706	0.85	0.20	37 200	28 560	8 640	39	336 269	
TOTAL-JUMPING POUND WEST	73 235			49 800	38 280	11 520		447 639	
KAHNTAH (SA) 097-18W5									
TOTAL-KAHNTAH	29			16		16		602	
KAKUT 075-03W6									
TOTAL-KAKUT	1 373			611	168	443		17 116	
KARWA 064-05W6									
MAIN CARDIUM A SOLN	767	0.65	0.10	449	76	373	40	15 058	
MAIN CARDIUM A ASSOC	692	0.85	0.10	529	-6	535	40	21 598	2 411
A CARDIUM A SOLN	2 939	0.65	0.15	1 624 ^b			43 ^a		
A CARDIUM A ASSOC	1 120	c	c	840 ^b	393 ^b	2 071	43 ^a	88 452	3 008
CADOTTE A	126	0.75	0.10	86			39		200
FALHER D	371	0.90	0.10	301			40		1 099
CADOTTE A & FALHER D TOTAL	497	0.85	0.10	387	190	197	40	7 819	
WABAMUN A	1 297	0.60	0.05	739	139	600	38	22 554	200
OTHER	1 272			808	221	587		23 520	
TOTAL-KAKWA	8 584			5 376	1 013	4 363		179 001	
KALELAND (SA) 054-13W4									
TOTAL-KALELAND	52			35		35		1 302	
KARR 065-03W6									
CADOTTE A	695	0.85	0.05	561	6	555	39	21 523	1 634
NOTIKEWIN D	776	0.90	0.05	663	8	655	39	25 774	250
DUNVEGAN D	89	0.75	0.10	60			40		400
NOTIKEWIN B	27	0.70	0.10	17			41		600
FALHER A	215	0.75	0.10	145			40		250
BLUESKY A	15 185	0.75	0.15	9 681			41		28 743
GETHING E	114	0.75	0.10	77			38		150
CADOMIN B	1 354	0.85	0.05	1 093			39		1 809
FT ST JOHN&BHL D MU#1 TOTAL	16 984	0.75	0.15	11 073	6 028	5 045	40	203 364	
CHARLIE LAKE C	267	0.75	0.10	180			39		200
HALFWAY A	180	0.75	0.10	122			39		200
CHARLIE LK C & HFWY A TOTAL	447	0.75	0.10	302	230	72	39	2 808	
WABAMUN A	1 391	0.85	0.25	887	2	885	38	33 789	200
WABAMUN B	1 200	0.85	0.25	765	20	745	38	28 176	200
OTHER	3 942			2 646	633	2 013		78 053	
TOTAL-KARR	25 435			16 897	6 927	9 970		393 487	
KAYBOB 064-19W5									
VIKING C	570	0.80	0.10	410	374	36	39	1 416	1 162

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
23.50	0.090	0.70	14 270	66	0.849	0.65	1 841.6	1960	1995	
3.05 0.93	0.195 0.177	0.60 0.50	7 410 8 500	34 42	0.887 0.886	0.59 0.59	1 123.7 1 112.3	1973 1974 1973	1996 1995 1996	MARATHN PANALTA WAINOCO
29.32 55.94	0.078 0.079	0.90 0.90	27 410 27 410	82 82	0.917 0.917	0.69 0.69	3 013.6 2 867.2	1944 1944 1944	1984 1984 1994	MATERIAL BALANCE DEEP CUT SL MATERIAL BALANCE DEEP CUT SL CHEL CWNGNUL TCPL AMOCO
40.58	0.061	0.85	29 470	83	0.917	0.74	3 476.7	1967	1996	CWNGNUL TCPL AMOCO PRODUCTION DECLINE DEEP CUT SL
35.87	0.063	0.85	29 510	79	0.928	0.70	3 329.3	1961	1996	PRODUCTION DECLINE TOP/BASE TVD. DEEP CUT SL
36.82	0.067	0.85	29 600	88	0.936	0.70	3 588.5	1963 1961	1996 1996	PRODUCTION DECLINE TOP/BASE TVD PANCDN CWNGNUL TCPL
3.13	0.087	0.70	13 410	49	0.786	0.68 0.68 0.85	1 667.6	1957 1957 1978	1996 1996 1993	AEL PCOG CANOR IOL AEL PCOG CANOR IOL AEL PCOG TCPL CANOR CHEL IOL GAS CYCLING. LEAN GAS BREAKTHROUGH
1.46	0.138	0.80	20 990	55	0.741	0.85	1 714.8	1978	1993	AEL PCOG TCPL CANOR CHEL IOL GAS CYCLING. LEAN GAS BREAKTHROUGH
3.30 1.51	0.135 0.110	0.70 0.70	23 010 37 170	85 84	0.903 1.020	0.64 0.67	2 653.0 2 802.8	1993 1979 1979	1996 1996 1996	RIGEL PANALTA TOP/BASE TVD
236.80	0.010	0.70	86 280	119	1.600	0.64	4 462.4	1997	1998	
4.10 16.00 2.10 2.90 6.00 3.21 5.00 5.05	0.133 0.140 0.140 0.115 0.080 0.113 0.110 0.108	0.55 0.75 0.60 0.60 0.70 0.70 0.55 0.70	15 110 18 670 12 140 12 250 15 160 20 480 19 070 21 540	71 63 60 70 73 97 80	0.881 0.855 0.826 0.817 0.618 0.809 0.899 0.885	0.58 0.61 0.67 0.73 0.68 0.77 0.66 0.65	1 962.3 2 009.6 1 640.4 1 944.4 2 274.5 2 289.9 2 416.4 2 560.7	1979 1988 1988 1977 1982 1968 1979 1968	1996 1994 1996 1989 1996 1998 1989 1998	PROGAS RIOALTO PANALTA GULF HUSKY AEC PROGAS RIOALTO AEC GULF PANALTA PRODUCTION DECLINE MATERIAL BALANCE PROGAS RIOALTO AEL PCOG RIGEL ENRMARK PANALTA IOL GULF HUSKY CHEL AEC DIRECT ULSTER PRODUCTION DECLINE
2.50 5.00	0.090 0.110	0.80 0.80	23 380 23 470	86 86	0.908 0.908	0.65 0.65	2 631.4 2 641.1	1991 1991 1991	1996 1996 1996	SLUSH OIL
37.50 20.80	0.080 0.120	0.85 0.90	36 860 34 230	108 100	1.009 0.977	1.02 0.86	3 630.7 3 440.2	1991 1995	1996 1998	
1.24	0.119	0.65	9 900	61	0.856	0.67	1 482.1	1981	1998	PCOG PARAMNT CHEVRON GULF PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
KAYBOB 064-19W5 (CONTINUED)									
VIKING D	76	0.75	0.10	51			39		400
NOTIKEWIN G	114	0.70	0.05	76			38		659
GETHING U	40	0.75	0.05	29			39		150
GETHING V	203	0.75	0.05	144			39		300
VIK D, NOTI G, GETH U&V TOTAL	433	0.75	0.05	300	242	58	39	2 242	
UPPER MANNVILLE A	117	0.70	0.05	78			39		150
NOTIKEWIN A	8 347	0.85	0.05	6 740			39		11 868
NOTIK A & U MANN A TOTAL	8 464	0.85	0.05	6 818	6 449	369	39	14 336	
NOTIKEWIN B	6 044	0.90	0.10	4 896	4 771	125	39	4 833	15 004
NOTIKEWIN E	2 369	0.85	0.10	1 813	1 728	85	38	3 238	8 350
GETHING K SOLN	328	0.65	0.55	96b			39		
GETHING K ASSOC	3 023	0.75	0.10	2 040b	2 045b	91	39	3 566	2 660
GETHING Y SOLN	21	0.65	0.15	12b			39		
GETHING Y ASSOC	488	0.80	0.10	351b	298b	65	39	2 532	300
GETHING J	380	0.85	0.05	307	193	114	38	4 332	620
GETHING L	421	0.80	0.10	303	269	34	40	1 345	854
GETHING AA	65	0.75	0.10	44			39		150
GETHING AA	358	0.85	0.10	274			39		663
GETHING AA TOTAL	423	0.85	0.10	318	35	283	41	11 694	
GETHING H	1 241	0.75	0.10	838			40		1 771
GETHING T	52	0.75	0.10	35			39		150
GETHING H & T TOTAL	1 293	0.75	0.10	873	219	654	40	25 833	
BEAVERHILL LAKE A SOLN	8 826	0.45	0.20	3 178b			43		
BEAVERHILL LAKE A ASSOC		0.70	0.15		2 879b	299	43	12 833	
BEAVERHILL LAKE B SOLN	572	0.65	0.15	316b			40		
BEAVERHILL LAKE B ASSOC	168	0.75	0.10	113b	198b	231	40	9 335	557
BEAVERHILL LAKE C	892	0.90	0.15	683	411	272	41	11 204	1 762
OTHER	3 841			2 400	613	1 787		69 495	
TOTAL-KAYBOB	38 556			25 227	20 724	4 503		178 234	
KAYBOB SOUTH 060-18W5									
VIKING A	1 222	0.90	0.10	990	807	183	39	7 221	10 068
VIKING B	46	0.70	0.10	29			40		400
GETHING EE	176	0.75	0.05	125			39		450
GETHING NNN	125	0.75	0.05	89			39		150
GETHING OOO	72	0.75	0.10	49			39		150
GETHING PPP	202	0.75	0.05	144			39		383
VIKING & GETHING MU#1 TOTAL	621	0.75	0.05	436	214	222	39	8 609	
UPPER MANNVILLE B	176	0.70	0.15	105			40		150
UPPER MANNVILLE C	110	0.75	0.15	71			40		150
BLUESKY B	1 524	0.75	0.15	972			40		3 191
U MANN B,C & BLSK B TOTAL	1 810	0.75	0.15	1 148	681	467	40	18 479	
UPPER MANNVILLE D		0.82	0.15				36		300
TRIASSIC B ASSOC		0.82	0.15				41		2 027
TRIASSIC B		0.82	0.15				41		200
U MANN D & TRIASSIC B TOTAL	2 602	0.80	0.15	1 814b	1 414b	400	40		150
NOTIKEWIN B	97	0.75	0.20	58			40		690
BLUESKY R	346	0.85	0.20	235			40		200
BLUESKY T	91	0.75	0.25	51			40		4 726
GETHING A	1 045	0.75	0.10	706			39		400
NORDEGG A	310	0.90	0.10	251			39		
NOT, BLSK, GE&NORD MU#1 TOTAL	1 889	0.80	0.15	1 301	863	438	39	17 257	
BLUESKY G	442	0.85	0.20	301	287	14	41	579	839
BLUESKY N		0.83	0.05				39		300
GETHING K		0.83	0.05				39		3 221

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.40	0.110	0.65	10 850	56	0.848	0.64	1 521.9	1981	1995	DECLINE
1.99	0.160	0.60	9 450	62	0.885	0.61	1 541.5	1981	1996	
2.49	0.130	0.60	14 330	72	0.865	0.64	1 792.1	1982	1994	
5.50	0.155	0.60	14 300	79	0.875	0.65	1 794.7	1981	1995	
6.70	0.180	0.65	10 070	58	0.869	0.62	1 557.1	1981	1997	CHEVRON PCOG GULF
4.29	0.188	0.65	10 430	60	0.869	0.62	1 526.7	1964	1996	
								1957	1991	MATERIAL BALANCE NONCOMMERCIAL OIL
								1957	1987	PARAMNT CNRL CHEVRON PCOG GULF PANALTA
2.85	0.163	0.65	9 760	60	0.869	0.64	1 488.3	1957	1996	AMOCO
										PANALTA CDFRST CHEVRON PCOG PIONEER GULF
										APACHE PARAMNT PRODUCTION DECLINE
										NONCOMMERCIAL OIL
1.80	0.164	0.65	11 890	56	0.855	0.63	1 378.6	1978	1998	PARAMNT UNPACF TALISMA POCO PANALTA DIRECT
						0.66		1957	1996	PRODUCTION DECLINE
6.06	0.159	0.70	15 240	64	0.833	0.66	1 762.4	1957	1996	PCOG CHEVRON GULF PRODUCTION DECLINE CONC
						0.66		1988	1998	PROD. OIL DEPLETED
13.45	0.194	0.75	13 230	73	0.860	0.66	1 763.7	1988	1998	PCOG CHEVRON GULF PRODUCTION DECLINE CONC
										PROD. OIL DEPLETED
3.87	0.159	0.70	15 040	73	0.869	0.64	1 779.5	1959	1996	PCOG APACHE PRODUCTION DECLINE CONCURRENT
2.97	0.162	0.70	14 380	63	0.831	0.66	1 751.5	1957	1996	PRODUCTION
3.30	0.140	0.65	14 400	65	0.838	0.67	1 805.7	1985	1996	PCOG APACHE PRODUCTION DECLINE CONCURRENT
3.48	0.162	0.70	14 410	76	0.859	0.67	1 828.4	1985	1998	PRODUCTION
								1985	1998	PCOG PARAMNT PANALTA CHEVRON
4.93	0.148	0.70	14 490	78	0.856	0.67	1 871.4	1981	1997	PCOG ENRMARK PANALTA GULF SLUSH OIL, PREV
3.00	0.140	0.60	13 820	65	0.840	0.66	1 817.5	1982	1996	CONC PROD
						0.79		1981	1997	
						0.79		1957	1990	GULF PIONEER
						0.73		1961	1996	TALISMA PANALTA
2.97	0.057	0.75	30 520	108	0.958	0.73	2 930.3	1961	1996	PROGAS RIOALTO POCO PIONEER PARAMNT
9.86	0.060	0.75	30 540	108	0.956	0.75	2 948.1	1972	1998	NRTHSTR CHEVRON PCOG GULF GPP, BLOWDOWN
										PROGAS RIOALTO POCO PIONEER PARAMNT
										NRTHSTR CHEVRON PCOG GULF GPP, BLOWDOWN
										CHEVRON PCOG GULF CONCURRENT PRODUCTION
										CHEVRON PCOG GULF CONCURRENT PRODUCTION
										WASCANA PCOG GULF PRODUCTION DECLINE PREV
										GAS CYCLING, BLOWDOWN
2.28	0.134	0.55	10 010	66	0.864	0.66	1 717.6	1960	1998	SUMMIT BEAU CHEVRON UNOCAL GULF TALISMA
1.90	0.117	0.55	10 100	78	0.866	0.70	1 875.2	1994	1998	AMOCO PRODUCTION DECLINE
2.90	0.117	0.80	16 170	88	0.885	0.65	2 157.2	1994	1998	
6.30	0.120	0.75	16 530	87	0.889	0.63	2 206.1	1994	1998	
4.20	0.110	0.70	16 200	84	0.868	0.68	2 159.4	1994	1998	
3.04	0.142	0.85	16 023	85	0.886	0.63	2 212.9	1995	1998	
10.90	0.120	0.50	14 970	69	0.839	0.66	1 906.6	1994	1998	TCPL POCO
7.50	0.120	0.55	14 890	68	0.838	0.66	1 899.1	1977	1995	PRODUCTION DECLINE DEEP CUT SL
4.55	0.114	0.70	13 630	82	0.830	0.75	2 146.7	1982	1993	DEEP CUT SL
								1977	1998	DEEP CUT SL
								1977	1998	GARDNER POCO UNPACF PANALTA PROGAS DEEP
8.70	0.120	0.55	15 960	73	0.869	0.69	2 001.3	1985	1998	CUT SL
3.23	0.122	0.80	19 310	91	0.845	0.77	2 370.6	1976	1998	PRODUCTION DECLINE
1.52	0.120	0.75	19 810	80	0.851	0.71	2 392.0	1976	1998	PRODUCTION DECLINE GPP
								1976	1998	PRODUCTION DECLINE ASSIGNED WELL
3.97	0.160	0.65	15 040	69	0.799	0.75	1 916.3	1969	1996	07-21-061-21W5M
4.85	0.111	0.60	15 690	74	0.829	0.70	2 052.3	1969	1997	CONWEST AEL MOBIL AMOCO PROGAS TCPL GPP
3.00	0.130	0.70	16 460	75	0.811	0.75	2 117.7	1994	1995	AREA BASED ON WELL CONTROL, DEEP CUT SL
3.63	0.139	0.65	14 560	80	0.874	0.63	2 140.1	1959	1997	DEEP CUT SL
3.60	0.113	0.85	25 370	82	0.908	0.68	2 181.0	1995	1998	DEEP CUT SL
								1959	1998	TOP/BASE TVD
3.69	0.094	0.65	19 760	82	0.818	0.76	2 332.7	1988	1997	DEEPCUT SL
2.25	0.116	0.80	16 310	75	0.865	0.65	2 105.8	1984	1998	RIOALTO BEAU CANST PRODUCTION DECLINE DEEP
3.91	0.146	0.75	16 260	84	0.882	0.64	2 211.6	1971	1998	CUT SL
										PRODUCTION DECLINE
										PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
KAYBOB SOUTH 060-18W5 (CONTINUED) BLSK N & GETH K TOTAL	1 627	0.85	0.05	1 283	1 114	169	39	6 545	
BLUESKY M	2 215	0.70	0.20	1 241			41		3 011
GETHING MM	122	0.75	0.15	78			33		300
GETHING PP	408	0.85	0.15	295			40		619
BLSK M, GETH MM & PP TOTAL	2 745	0.70	0.20	1 614	594	1 020	41	41 361	
BLUESKY E	635	0.85	0.10	486			41		1 386
GETHING R	1 466	0.80	0.10	1 056			39		2 179
BLUESKY E & GETHING R TOTAL	2 101	0.80	0.10	1 542	706	836	40	33 331	
BLUESKY H		0.75	0.20				39		2 251
GETHING HH		0.75	0.15				39		100
GETHING II		0.75	0.10				38		1 498
ROCK CREEK A	49	0.75	0.10	33			38		200
BLSK H, GE HH, II & RCCA TOTAL	1 033	0.75	0.10	682	599	83			
GETHING D	4 259	0.40	0.15	1 448	616	832	40	32 964	6 940
GETHING O	447	0.85	0.10	342	273	69	39	2 697	961
GETHING P	959	0.85	0.10	734	687	47	39	1 839	810
GETHING BB	683	0.75	0.05	486	356	130	39	5 047	150
GETHING M	27	0.70	0.05	18			39		150
GETHING N	442	0.80	0.05	336			39		914
GETHING M & N TOTAL	469	0.80	0.05	354	2	352	39	13 700	
GETHING H	641	0.85	0.05	518	436	82	39	3 222	4 738
CADOMIN D	753	0.85	0.05	608	500	108	39	4 207	450
TRIASSIC A ASSOC	1 091	0.35	0.15	325 ^b			42		1 499
TRIASSIC A SOLN	4 294	0.55	0.25	1 772 ^b			42		
TRIASSIC A ASSOC	140	0.75	0.20	84 ^b			44		573
TRIASSIC A TOTAL	5 525	0.50	0.25	2 181 ^b	1 491 ^b	690	42	28 766	
NISKU D	720	0.85	0.35	398	77	321	39	12 394	200
BEAVERHILL LAKE A	103 728	c	c	41 300	36 760	4 540	40 ^a	180 147	23 074
OTHER	16 961			8 400	2 911	5 489		215 761	
TOTAL-KAYBOB SOUTH	151 237			67 880	51 388	16 492		634 126	
KEHIWIN 059-05W4 GRAND RAPIDS A	836	0.70	0.05	556	523	33	38	1 258	3 515
OTHER	1 113			696	361	335		12 484	
TOTAL-KEHIWIN	1 949			1 252	884	368		13 742	
KEHO 011-22W4 TOTAL-KEHO	1 463			839	501	338		12 658	
KELSEY 044-18W4 BELLY RIVER B	833	0.80	0.05	633	624	9	38	338	4 024
OTHER	1 860			1 179	342	837		31 227	
TOTAL-KELSEY	2 693			1 812	966	846		31 565	
KENT 062-02W4 GRAND RAPIDS B	985	0.65	0.05	608	592	16	37	597	3 391
OTHER	1 817			1 059	851	208		7 756	
TOTAL-KENT	2 802			1 667	1 443	224		8 353	
KIDNEY 091-04W5 TOTAL-KIDNEY	796			333	156	177		6 420	
KILLAM 043-10W4 UPPER&MIDDLE VIKING A	2 333	0.75	0.03	1 698			36		70 382
REX B	67	0.70	0.05	45			37		200
GLAUCONITIC Q	77	0.65	0.05	48			37		442

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
								1971	1998	ULSTER TCPL SHERRIT PROGAS AEL POCO PARAMNT ENRMARK PANALTA GULF CNWE AMOCO TALISMA
5.80	0.110	0.70	16 700	87	0.801	0.82	2 336.6	1993	1998	DEEP CUT SL
4.00	0.090	0.70	18 460	89	0.897	0.78	2 576.7	1995	1997	DEEPCUT SL
3.51	0.133	0.80	19 580	89	0.872	0.67	2 334.9	1995	1998	DEEPCUT SL
								1993	1998	PROGAS POCO PANALTA GULF TALISMA DEEP CUT SL
2.90	0.115	0.70	20 620	82	0.841	0.73	2 284.7	1985	1997	DEEP CUT SL, SLUSH OIL
6.32	0.150	0.55	13 670	79	0.856	0.69	2 183.2	1968	1995	DEEP CUT SL
								1968	1997	CHEVRON AEL MOBIL TALISMA CANST CNRL DEEP CUT SL
2.40	0.107	0.70	13 700	81	0.839	0.73	2 068.9	1990	1996	PRODUCTION DECLINE DEEP CUT SL
4.50	0.130	0.65	16 490	75	0.856	0.67	2 120.5	1994	1996	PRODUCTION DECLINE DEEP CUT SL
4.82	0.141	0.75	16 030	75	0.871	0.64	2 076.8	1967	1996	PRODUCTION DECLINE DEEP CUT SL
1.20	0.190	0.80	14 900	83	0.879	0.66	2 152.4	1991	1994	DEEP CUT SL
								1967	1996	CHEVRON ULSTER UNOCAL PROGAS AEL POCO PARAMNT AMOCO TALISMA DEEP CUT SL
5.96	0.129	0.60	14 200	80	0.860	0.67	2 038.3	1977	1998	AEL MARATHN UNPACF CNRL PROGAS TCPL CHEVRON DEEP CUT SL
2.63	0.130	0.70	14 690	77	0.869	0.64	2 174.7	1976	1996	WASCANA TALISMA PROGAS PANALTA PRODUCTION DECLINE
5.67	0.142	0.70	14 500	80	0.867	0.66	1 983.7	1961	1998	UNPACF MOBIL UNOCAL TALISMA AMOCO PRODUCTION DECLINE
6.40	0.120	0.60	14 630	81	0.874	0.65	2 058.1	1963	1995	TALISMA UNOCAL PRODUCTION DECLINE
2.40	0.100	0.60	12 360	57	0.844	0.63	1 884.0	1981	1996	
3.53	0.150	0.85	11 760	79	0.884	0.64	1 929.3	1981	1997	
4.01	0.140	0.65	13 930	77	0.853	0.69	2 004.1	1957	1997	PANALTA POCO UNPACF CNRL TALISMA PROGAS PANALTA TCPL PART OF GETHING POOL NO.1 PRODUCTION DECLINE
4.96	0.150	0.65	15 850	72	0.859	0.64	1 995.5	1960	1989	UNOCAL TALISMA AMOCO PRODUCTION DECLINE
5.02	0.105	0.80	17 060	74	0.810	0.75	2 060.4	1962	1996	CONING GAS CAP, CONCURRENT PRODUCTION
						0.75		1962	1996	CONING GAS CAP, CONCURRENT PRODUCTION
1.88	0.088	0.80	17 060	73	0.760	0.82	2 079.2	1962	1992	GPP
								1962	1997	SUMMIT BEAU MOBIL NRTHSTR CHEVRON UNOCAL GULF TALISMA AMOCO CONING GAS CAP, CONCURRENT PRODUCTION
713.50	0.100	0.95	22 130	90	0.781	0.96	2 935.2	1996	1997	PRODUCTION DECLINE
29.45	0.079	0.80	31 720	115	0.890	1.01	3 283.4	1961	1993	PARAMNT MOBIL CHEVRON UNOCAL TALISMA ENGAGE AMOCO PREV GAS CYCLING, BLOWDOWN
2.46	0.295	0.80	2 840	19	0.942	0.57	397.2	1971	1996	PANALTA WASCANA TCPL PRODUCTION DECLINE
2.31	0.279	0.55	2 800	16	0.941	0.57	429.6	1974	1996	SIGNALT PANCDN PANALTA CNRL TCPL PRODUCTION DECLINE NONCOMMERCIAL OIL
2.85	0.291	0.70	2 390	18	0.952	0.57	281.2	1967	1997	CRESTAR PROGAS CNRL IOL PANALTA HUSKY TALISMA DIRECT CDNFRST PRODUCTION DECLINE
1.30	0.170	0.65	4 320	26	0.918	0.61	657.6	1917	1996	PART OF VIK POOL NO.2 PRODUCTION DECLINE
3.50	0.290	0.60	5 280	29	0.907	0.59	775.2	1994	1996	PART OF VIK POOL NO.2
1.70	0.300	0.60	5 470	30	0.904	0.59	768.9	1977	1996	PART OF VIK POOL NO.2

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
KILLAM 043-10W4 (CONTINUED) U&M VIK A, REX B&GLC Q TOTAL	2 477	0.75	0.05	1 791	1 712	79	36	2 880	
GLAUCONITIC HH	532	0.75	0.10	359	356	3	34	103	223
ELLERSLIE C	506	0.75	0.05	361	109	252	37	9 289	2 815
OTHER	6 962			4 344	2 525	1 819		66 036	
TOTAL-KILLAM	10 477			6 855	4 702	2 153		78 308	
KILLAM NORTH 044-13W4									
UPPER&MIDDLE VIKING A		0.70	0.03				36		55 800
UPPER MANNVILLE T	32	0.70	0.05	21			37		150
BASAL MANNVILLE C		0.70	0.05				36		200
BASAL MANNVILLE L	28	0.70	0.05	19			37		150
BASAL MANNVILLE U	55	0.65	0.05	34			37		200
NISKU A		0.70	0.05				36		32
VIK, MANN & NIS MU#1 TOTAL	1 737	0.70	0.05	1 175	1 167	8	37	300	
UPPER MANNVILLE P	459	0.75	0.05	327	138	189	37	7 067	1 323
OTHER	4 209			2 777	1 376	1 401		51 887	
TOTAL-KILLAM NORTH	6 405			4 279	2 681	1 598		59 254	
KIMIWAN 079-20W5									
TOTAL-KIMIWAN	464			331	178	153		5 702	
KINGMAN 049-19W4									
TOTAL-KINGMAN	356			235	123	112		3 650	
KINMUNDY 025-09W4									
TOTAL-KINMUNDY	43			28		28		1 055	
KIRBY 074-05W4									
UPPER MANNVILLE D	3 057	0.65	0.05	1 888	1 632	256	37	9 541	11 153
UPPER MANNVILLE J	2 249	0.65	0.05	1 389	1 204	185	37	6 897	14 524
UPPER MANNVILLE A	3 767	0.60	0.05	2 147			37		22 734
UPPER MANNVILLE K	968	0.60	0.05	552			37		5 676
UPPER MANNVILLE M	20	0.55	0.05	10			37		200
UPPER MANNVILLE W	8	0.55	0.05	4			37		200
UPPER MANNVILLE X	7	0.55	0.05	4			37		200
UPPER MANNVILLE Y	9	0.50	0.05	5			37		400
UPPER MANNVILLE Z	25	0.50	0.05	12			37		631
UPPER MANNVILLE CC	16	0.55	0.05	9			37		676
U MN A, K, M, W, X, Y, Z&CC TOTAL	4 820	0.60	0.05	2 743	2 625	118	37	4 373	
UPPER MANNVILLE C		0.75	0.05				37		52 297
UPPER MANNVILLE I		0.75	0.05				37		38 389
UPPER MANNVILLE R		0.60	0.05				37		200
UPPER MANNVILLE C, I&R TOTAL	19 584	0.75	0.05	13 954	11 726	2 228	37	82 436	
UPPER MANNVILLE PPP	543	0.65	0.05	335	37	298	37	11 106	3 191
LOWER MANNVILLE E	1 053	0.60	0.05	600	499	101	37	3 777	4 025
OTHER	6 495			3 459	1 492	1 967		72 903	
TOTAL-KIRBY	37 801			24 368	19 215	5 153		191 033	
KIRK WALL 027-05W4									
VIKING A	725	0.80	0.05	551	544	7	37	256	5 255
VIKING B	869	0.65	0.05	537	534	3	37	110	3 459
OTHER	582			314	98	216		7 964	
TOTAL-KIRK WALL	2 176			1 402	1 176	226		8 330	
KISKIU (SA) 057-02W6									
TOTAL-KISKIU	227			164		164		6 601	
KITSIM 017-16W4									
TOTAL-KITSIM	701			362	17	345		12 551	
KLESKUN (SA) 072-02W6									
TOTAL-KLESKUN	22			15		15		582	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
								1917	1996	SIGNALT PENWEST PANCDN BEAU CNRL AMOCO CHEL PANALTA POCO TCPL PART OF VIK POOL NO.2
4.52	0.270	0.85	7 060	36	0.876	0.69	952.2	1976	1996	TCPL PRODUCTION DECLINE
1.75	0.232	0.65	6 830	45	0.897	0.61	916.9	1957	1996	SIGNALT AEL TCPL
1.11	0.181	0.35	5 500	24	0.895	0.61	714.8	1917	1989	PART OF VIK POOL NO.2 MATERIAL BALANCE
2.20	0.310	0.50	6 100	37	0.900	0.60	803.3	1976	1995	PART OF VIK POOL NO.2
0.91	0.240	0.50	6 010	32	0.897	0.61	827.4	1976	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
1.83	0.270	0.60	6 160	35	0.902	0.58	906.4	1976	1994	PART OF VIK POOL NO.2
2.75	0.250	0.60	6 480	35	0.893	0.59	924.9	1978	1996	PART OF VIK POOL NO.2
3.30	0.200	0.65	6 060	32	0.896	0.61	832.3	1976	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
								1917	1995	SIGNALT RENENER AEL PANCDN BEAU POCO TCPL CNRL PART OF VIK POOL NO.2
4.26	0.227	0.60	5 790	32	0.903	0.57	822.7	1976	1996	SIGNALT PANCDN TCPL
4.05	0.336	0.55	2 330	17	0.954	0.56	382.1	1977	1995	CANOXY AEC AMOCO PROGAS PANALTA PRODUCTION DECLINE
1.49	0.310	0.70	2 140	22	0.959	0.56	451.3	1978	1997	PARAMNT IOL CANST AEC RIOALTO PANALTA PROGAS TCPL PRODUCTION DECLINE
4.45	0.306	0.75	1 620	20	0.969	0.56	286.5	1977	1997	
3.81	0.326	0.60	2 230	17	0.956	0.56	346.9	1978	1997	
2.10	0.350	0.60	2 310	27	0.959	0.56	377.0	1981	1996	
1.10	0.270	0.70	1 820	13	0.962	0.56	271.4	1981	1996	
1.00	0.280	0.70	1 840	13	0.962	0.56	276.2	1981	1996	
0.70	0.274	0.65	1 810	13	0.962	0.56	270.1	1981	1996	
1.15	0.286	0.75	1 560	11	0.967	0.56	226.4	1980	1997	
0.70	0.298	0.60	1 840	13	0.962	0.56	285.2	1981	1996	
								1977	1997	CANOXY TALISMA PROGAS PANALTA AMOCO AEC PRODUCTION DECLINE
2.04	0.305	0.70	1 550	13	0.967	0.57	313.2	1977	1996	PRODUCTION DECLINE
5.53	0.319	0.75	2 120	12	0.955	0.57	419.6	1977	1996	PRODUCTION DECLINE
1.80	0.320	0.70	2 200	15	0.955	0.56	340.1	1979	1996	PRODUCTION DECLINE
								1977	1996	HUSKY CANOXY CANST PROGAS RIOALTO PANALTA AMOCO AEC TCPL
3.01	0.314	0.75	2 280	11	0.951	0.56	490.1	1990	1998	AEC
2.95	0.296	0.70	2 050	13	0.956	0.56	371.1	1980	1997	PROGAS TALISMA CANST PANALTA AMOCO PRODUCTION DECLINE
1.19	0.303	0.65	6 570	31	0.894	0.58	796.9	1968	1997	CANOR CRESTAR TCPL MATERIAL BALANCE
1.88	0.290	0.60	6 600	31	0.891	0.58	757.5	1971	1996	CANOR CRESTAR PANALTA TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
KNAPPEN 001-11W4									
LOWER MANNVILLE G	506	0.85	0.05	409	92	317	36	11 542	150
OTHER	348			236	169	67		2 472	
TOTAL-KNAPPEN	854			645	261	384		14 014	
KNELLER 049-23W4									
TOTAL-KNELLER	866			581	279	302		11 584	
KNOPCIK 074-11W6									
DOE CREEK A	1 173	0.80	0.10	844			40		5 284
DOE CREEK C	27	0.70	0.10	17			40		615
PADDY B	508	0.85	0.10	389			41		1 355
DOE CK A,C & PADDY B TOTAL	1 708	0.80	0.10	1 250	1 164	86	40	3 457	
PADDY A	800	0.85	0.10	612	459	153	40	6 138	3 237
PADDY C	705	0.85	0.10	539	451	88	40	3 539	1 155
FALHER A	729	0.85	0.15	527			40		1 482
BLUESKY A	15	0.75	0.15	9			40		100
FALHER A & BLUESKY A TOTAL	744	0.85	0.15	536	508	28	40	1 123	
BLUESKY B	55	0.75	0.10	37			40		200
JURASSIC B	2 075	0.70	0.10	1 308			41		4 106
JURASSIC C	831	0.85	0.10	635			38		450
BLSK B, JUR B & C TOTAL	2 961	0.75	0.10	1 980	1 263	717	40	28 788	
NIKANASSIN D	1 248	0.60	0.05	712	17	695	38	26 313	400
NIKANASSIN E	529	0.85	0.10	405	172	233	38	8 889	400
JURASSIC D	540	0.85	0.15	390	120	270	42	11 224	1 334
HALFWAY C	544	0.80	0.10	392		392	36	14 206	982
HALFWAY N	1 090	0.90	0.05	932	43	889	38	34 173	2 382
DOIG B	1 587	0.90	0.10	1 285	170	1 115	38	42 080	1 060
MONTNEY A	10 125	0.80	0.15	6 885	1 671	5 214	40	207 309	8 447
OTHER	4 871			3 425	1 183	2 242		86 596	
TOTAL-KNOPCIK	27 452			19 343	7 221	12 122		473 835	
LA COREY 063-05W4									
TOTAL-LA COREY	843			489	392	97		3 442	
LA GLACE 074-07W6									
BLUESKY A	2 183	0.80	0.05	1 659	1 083	576	37	21 266	7 792
HALFWAY C	424	0.85	0.05	342	259	83	39	3 197	684
MONTNEY B	4 000	0.80	0.20	2 560	1 476	1 084	40	42 970	7 404
MONTNEY D	584	0.90	0.25	395	4	391	40	15 632	200
OTHER	1 655			1 011	435	576		22 505	
TOTAL-LA GLACE	8 846			5 967	3 257	2 710		105 570	
LAC LA BICHE 067-13W4									
TOTAL-LAC LA BICHE	501			303	257	46		1 703	
LACOMBE 040-26W4									
TOTAL-LACOMBE	772			525	265	260		10 258	
LAIT 001-10W4									
TOTAL-LAIT	758			566	408	158		5 751	
LAMBERT 051-22W5									
NIS 22-052-22	839	0.85	0.20	570		570	37	21 153	200
D-3 A	2 184	0.85	0.40	1 114	793	321	38	12 038	400
LEDUC B	1 899	0.85	0.40	968	51	917	38	34 388	200
OTHER	412			276	5	271		10 204	
TOTAL-LAMBERT	5 334			2 928	849	2 079		77 783	
LAMONT 053-19W4									
TOTAL-LAMONT	2			1	1				

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
15.50	0.320	0.85	7 430	28	0.877	0.59	742.7	1981	1994	
2.67	0.188	0.65	6 210	31	0.854	0.66	898.1	1964	1996	
0.84	0.159	0.50	6 170	33	0.863	0.65	906.6	1985	1989	
1.86	0.135	0.70	10 920	51	0.814	0.67	1 399.3	1974	1996	PRODUCTION DECLINE
								1964	1996	UNPACF CGGS TALISMA NRTHSTR PANALTA
2.24	0.147	0.60	11 510	51	0.808	0.68	1 357.7	1974	1998	PIONEER POCO PROGAS ENGAGE ULSTER CRESTAR
4.57	0.157	0.65	11 900	52	0.796	0.69	1 434.1	1984	1997	SUNCOR ULSTER TCPL PROGAS RIGEL UNPACF
2.62	0.108	0.65	11 960	60	0.824	0.68	1 592.4	1995	1997	CGGS AEC POCO PANALTA
2.00	0.100	0.55	13 660	68	0.844	0.66	1 880.5	1995	1998	UNPACF IOL PROGAS ULSTER
								1995	1998	PRODUCTION DECLINE DEEP CUT SL
2.70	0.130	0.65	12 180	65	0.849	0.64	1 805.6	1983	1997	DEEP CUT SL
2.72	0.124	0.80	18 370	71	0.811	0.72	2 064.2	1980	1998	CRESTAR ULSTER UNPACF DEEP CUT SL
13.57	0.121	0.70	16 550	71	0.852	0.67	2 014.8	1989	1995	
								1980	1998	CRESTAR ULSTER TCPL PROGAS POCO PIONEER
19.35	0.152	0.75	14 840	72	0.865	0.65	2 072.4	1989	1996	PANALTA UNPACF CGGS IOL TALISMA AEC
15.85	0.127	0.65	15 200	73	0.856	0.67	2 016.4	1991	1998	ULSTER UNPACF
2.64	0.112	0.80	17 900	87	0.826	0.76	2 129.8	1987	1998	PRODUCTION DECLINE
3.55	0.093	0.80	24 200	82	0.924	0.65	2 395.2	1989	1996	RIGEL UNPACF IOL ULSTER PROGAS
3.42	0.090	0.80	21 320	85	0.911	0.59	2 157.9	1973	1996	ULSTER UNPACF TOP/BASE TVD
8.86	0.110	0.75	23 490	80	0.924	0.59	2 392.9	1986	1998	GARDNER PROGAS PANALTA IOL AEC PART OF
6.06	0.138	0.90	22 210	81	0.871	0.70	2 490.7	1994	1998	HALFWAY POOL NO.2
										RIGEL UNPACF CRESTAR PROGAS
										SUNCOR CRESTAR GARDNER ULSTER PROGAS RIGEL
										PANALTA ALTAGAS AEC PRODUCTION DECLINE
										DEEP CUT SL
3.15	0.127	0.55	12 820	60	0.860	0.64	1 580.0	1979	1997	CONWEST PENWEST TCPL PANALTA UNPACF AEC
2.81	0.123	0.85	14 550	67	0.865	0.61	1 865.9	1988	1997	CNRL ULSTER TALISMA CANST PROGAS CRESTAR
4.93	0.112	0.80	18 580	79	0.835	0.74	2 110.2	1981	1998	PENWEST UNPACF RIFE PANALTA PRODUCTION
										DECLINE
16.00	0.130	0.70	19 280	76	0.783	0.83	2 154.5	1995	1996	SUNCOR CONWEST PENWEST RIGEL PANALTA
										TALISMA AEC CANST PROGAS PRODUCTION
										DECLINE
57.69	0.040	0.65	39 460	113	1.040	0.67	4 121.7	1981	1994	TOP/BASE TVD
43.95	0.075	0.90	42 750	139	1.033	0.81	4 441.4	1979	1996	PCOG PANALTA MATERIAL BALANCE
43.50	0.080	0.90	42 300	118	1.015	0.81	4 436.0	1997	1998	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
LANAWAY 036-03W5									
MANNVILLE ASSOC	595	0.80	0.15	405		405	40	16 107	748
ELKTON A SOLN	124	0.65	0.10	73 ^b			40		
ELKTON A ASSOC	332	0.80	0.10	239 ^b	122 ^b	190	40	7 606	408
D-3 C	906	0.75	0.20	544	24	520	39	20 218	400
OTHER	1 857			1 078	287	791		31 136	
TOTAL-LANAWAY	3 814			2 339	433	1 906		75 067	
LANE 065-07W4									
TOTAL-LANE	457			299	129	170		6 339	
LANFINE 025-05W4									
TOTAL-LANFINE	73			48	4	44		1 606	
LAPP 099-10W6									
SLAVE POINT A	894	0.80	0.10	644	375	269	39	10 408	200
SLAVE POINT B	585	0.80	0.10	421	206	215	37	7 863	400
SLAVE POINT C	729	0.85	0.10	558	176	382	39	14 783	200
SLAVE POINT D	752	0.85	0.10	575	69	506	39	19 582	200
OTHER	179			119		119		4 482	
TOTAL-LAPP	3 139			2 317	826	1 491		57 118	
LARNE 116-03W6									
TOTAL-LARNE	1 226			797	381	416		15 783	
LATHOM 020-18W4									
BOW ISLAND A	600	0.85	0.05	485			36		75
BOW ISLAND C	61	0.75	0.05	44			36		200
BOW ISLAND A & C TOTAL	661	0.85	0.05	529	392	137	36	4 983	
UPPER MANNVILLE R	559	0.85	0.10	428	128	300	38	11 520	530
OTHER	3 078			1 912	1 089	823		31 248	
TOTAL-LATHOM	4 298			2 869	1 609	1 260		47 751	
LATOR 063-02W6									
TOTAL-LATOR	576			328	105	223		8 666	
LATORNELL 063-01W6									
TOTAL-LATORNELL	101			68	14	54		2 091	
LEAHURST 039-18W4									
MANNVILLE II	474	0.85	0.10	363			39		646
MANNVILLE JJ	31	0.75	0.10	21			39		200
MANNVILLE II & JJ TOTAL	505	0.85	0.10	384	165	219	39	8 550	
OTHER	6 352			4 063	1 033	3 030		115 794	
TOTAL-LEAHURST	6 857			4 447	1 198	3 249		124 344	
LEAMAN 056-10W5									
UPPER MANNVILLE A		0.75	0.10				40		300
LOWER MANNVILLE F		0.75	0.10				40		1 492
U MANN A & L MANN F TOTAL	867	0.85	0.10	648	587	61	40	2 464	
UPPER MANNVILLE C	82	0.75	0.10	56			40		150
NORDEGG B	2 030	0.80	0.05	1 543			39		3 231
U MANN C & NORDEGG B TOTAL	2 112	0.80	0.05	1 599	552	1 047	39	40 791	
OTHER	1 545			1 033	840	193		7 686	
TOTAL-LEAMAN	4 524			3 280	1 979	1 301		50 941	
LECKIE 019-17W4									
MILK RIVER A	550	0.50	0.05	261			36		6 136
MEDICINE HAT A	233	0.50	0.03	113			36		4 539
MEDICINE HAT C	24	0.50	0.03	12			36		833
SE ALTA GAS SYS (MU) TOTAL	807	0.50	0.05	386	117	269	36	9 810	
OTHER	560			315	163	152		5 776	
TOTAL-LECKIE	1 367			701	280	421		15 586	
LEDDY 084-25W5									
TOTAL-LEDDY	422			259	166	93		3 503	
LEDUC-WOODBEND 050-26W4									
D-2 B SOLN	1 225	0.65	0.30	557	418	139	42	5 778	
D-2 A SOLN	3 775	0.58	0.35	1 424 ^b			43		
D-2 A ASSOC	1 074	0.85	0.15	776 ^b	2 045 ^b	155	43	6 722	3 954

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.73	0.122	0.80	17 140	77	0.808	0.78	2 234.9	1959	1998	WASCANA IOL NRTHSTR AMOCO
7.44	0.100	0.65	17 490	80	0.838	0.71	2 377.8	1973	1996	CONCURRENT PRODUCTION
18.95	0.094	0.75	18 520	87	0.863	0.72	2 958.5	1973	1996	CONCURRENT PRODUCTION
								1984	1996	GULF
7.00	0.160	0.90	20 190	112	0.939	0.61	2 472.5	1996	1997	POCO PRODUCTION DECLINE
9.10	0.120	0.75	19 820	80	0.894	0.65	2 352.8	1996	1997	CHEVRON TALISMA
15.00	0.170	0.90	19 490	104	0.926	0.61	2 369.5	1997	1997	POCO
12.50	0.190	0.90	19 550	80	0.895	0.61	2 371.3	1997	1997	POCO
13.70	0.180	0.75	8 540	37	0.878	0.58	1 019.8	1972	1995	MATERIAL BALANCE
4.63	0.210	0.55	7 680	36	0.886	0.59	955.4	1972	1996	PRODUCTION DECLINE
8.78	0.164	0.65	9 960	36	0.813	0.66	1 150.9	1972	1998	PANCDN
								1973		PANCDN TCPL
4.53	0.203	0.75	10 020	50	0.830	0.68	1 245.2	1950	1998	DEEP CUT SL
1.15	0.203	0.65	9 490	47	0.834	0.67	1 260.6	1990	1996	DEEP CUT SL
								1950	1996	PANCDN CNFRST PROGAS DEEP CUT SL
2.59	0.146	0.80	14 180	70	0.824	0.69	1 751.1	1976	1998	PRODUCTION DECLINE
2.41	0.141	0.80	15 550	66	0.823	0.67	1 804.7	1972	1998	PRODUCTION DECLINE SLUSH OIL
4.00	0.160	0.60	13 630	59	0.823	0.66	1 606.2	1972	1998	AEL TCPL CRESTAR
7.11	0.133	0.55	12 120	61	0.854	0.64	1 641.8	1980	1995	SLUSH OIL
								1978	1998	CRESTAR ENGAGE PCOG CNWE CNFRST AMOCO
								1978	1996	CWNGNUL AEC SLUSH OIL
4.40	0.154	0.55	3 140	16	0.938	0.56	495.8	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION
1.19	0.170	0.55	4 310	17	0.916	0.56	584.4	1904	1994	DECLINE
0.73	0.140	0.60	4 450	19	0.916	0.56	604.0	1973	1994	PART OF MED HAT POOL NO.1
								1904	1994	PART OF MED HAT POOL NO.3
										CRESTAR BEAU UNPACF PANCDN TCPL
12.56	0.020	0.80	12 290	66	0.763	0.78	1 500.1	1950	1998	CRESTAR NRTHSTR AMOCO GPP
						0.79		1947	1996	AEL UNPACF CNFRST GARDNER IOL GPP
						0.79		1947	1996	AEL UNPACF CNFRST GARDNER IOL GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
LEDUC-WOODBEND 050-26W4 (CONTINUED)									
D-3 A SOLN	5 998	0.66	0.30	2 771 ^b			40		
D-3 A ASSOC	13 043	0.63	0.15	6 984 ^b	9 433 ^b	322	40	12 948	6 753
OTHER	6 657			4 026	2 020	2 006		78 971	
TOTAL-LEDUC-WOODBEND	31 772			16 538	13 916	2 622		104 419	
LEECH (SA) 060-09W5									
TOTAL-LEECH	25			17		17		656	
LEGAL 057-25W4									
TOTAL-LEGAL	843			600	386	214		8 149	
LEISMER 077-09W4									
CLEARWATER A	24 549	0.65	0.06	15 000			37		74 297
CLEARWATER Q	26	0.50	0.05	12			37		1 051
CLEARWATER O	6	0.50	0.05	3			37		200
CLEARWATER A&Q TOTAL	24 581	0.65	0.05	15 015	14 588	427	37	15 987	
OTHER	5 161			2 747	1 162	1 585		58 902	
TOTAL-LEISMER	29 742			17 762	15 750	2 012		74 889	
LELAND 059-26W5									
TOTAL-LELAND	747			531	171	360		14 118	
LEMING 065-04W4									
UPPER MANNVILLE E	427	0.75	0.05	304	249	55	37	2 037	1 009
OTHER	4 154			2 273	1 593	680		25 297	
TOTAL-LEMING	4 581			2 577	1 842	735		27 334	
LEO 035-17W4									
BELLY RIVER A	632	0.80	0.10	455			38		5 254
BELLY RIVER J	29	0.70	0.05	19			37		250
BELLY RIVER A & J TOTAL	661	0.80	0.10	474	277	197	38	7 476	
UPPER MANNVILLE F SOLN	10	0.65	0.11	6 ^b			39		
UPPER MANNVILLE F ASSOC	2 610	0.80	0.10	1 879 ^b	1 860 ^b	25	39	969	4 102
OTHER	1 314			787	403	384		14 448	
TOTAL-LEO	4 595			3 146	2 540	606		22 893	
LEOPARD 009-20W4									
TOTAL-LEOPARD	208			123	38	85		3 023	
LEPINE 064-03W5									
TOTAL-LEPINE	119			69		69		2 664	
LETHBRIDGE 008-21W4									
TOTAL-LETHBRIDGE	32			22		22		805	
LIEGE 093-21W4									
WABISKAW A		0.60	0.05				37		50 707
WABISKAW D		0.60	0.05				37		4 298
MCMURRAY C		0.55	0.05				37		25 428
MCMURRAY D		0.55	0.05				36		200
MCMURRAY F		0.55	0.05				37		1 285
MCMURRAY H		0.55	0.05				37		730
MCMURRAY J		0.50	0.05				37		200
MCMURRAY K		0.50	0.05				37		1 062
NISKU-U IRETON-GSMT A		0.60	0.05				36		91 291
GROSMONT A		0.85	0.05				36		67 913
GROSMONT D		0.65	0.05				37		200
GROSMONT E		0.60	0.05				37		10 142
GROSMONT H		0.60	0.05				37		400
LEDUC A		0.52	0.05				37		19 971
MANN-DEVONIAN MU#1 TOTAL	31 064	0.65	0.05	19 300	17 299	2 001	37	73 117	
GROSMONT G									
OTHER	615	0.65	0.05	380	352	28	37	1 024	5 104
	553			271	45	226		8 243	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	OC	frac	frac	m KB			
						0.77		1947	1998	AEL CDFRST IOL PRODUCTION DECLINE PREV CONCURRENT PRODN, BLOWDOWN
18.22	0.080	0.85	13 060	67	0.793	0.77	1 604.8	1947	1998	AEL CDFRST IOL PRODUCTION DECLINE PREV CONCURRENT PRODN, BLOWDOWN
4.59	0.291	0.70	1 980	9	0.957	0.56	268.0	1967	1996	MATERIAL BALANCE
0.78	0.330	0.45	2 030	14	0.959	0.56	308.2	1994	1996	
0.90	0.300	0.55	1 940	14	0.961	0.56	294.1	1994	1994	
								1967	1997	TCPL PROGAS RIOALTO AEL PARAMNT PANALTA IOL CANOXY AMOCO TALISMA AEC
2.01	0.329	0.70	2 660	13	0.948	0.56	429.1	1978	1990	IOL PRODUCTION DECLINE
2.49	0.257	0.55	3 230	18	0.924	0.62	532.6	1973	1997	SLUSH OIL
2.80	0.270	0.50	3 020	20	0.942	0.57	485.1	1979	1994	
								1973	1997	TCPL PROGAS POCO PANALTA UNPACF CDFRST AMOCO
						0.66		1971	1996	PANCDN WAINOCO CDFRST TCPL AMOCO CONC PROD, OIL DEPLETED
5.01	0.213	0.70	8 030	42	0.851	0.66	1 122.9	1971	1996	PANCDN WAINOCO CDFRST TCPL AMOCO CONC PROD, OIL DEPLETED
3.68	0.309	0.60	920	8	0.980	0.58	212.7	1959	1995	PRODUCTION DECLINE
3.82	0.293	0.80	920	11	0.980	0.58	224.0	1978	1995	PRODUCTION DECLINE
4.96	0.281	0.50	880	20	0.983	0.58	270.0	1980	1995	PRODUCTION DECLINE
1.80	0.310	0.75	880	14	0.982	0.58	285.9	1985	1995	PRODUCTION DECLINE
2.67	0.252	0.45	920	12	0.979	0.58	230.8	1986	1995	PRODUCTION DECLINE
2.43	0.235	0.50	850	7	0.981	0.57	209.7	1986	1995	PRODUCTION DECLINE
0.90	0.290	0.70	850	7	0.981	0.58	214.3	1986	1995	PRODUCTION DECLINE
1.20	0.241	0.70	1 620	12	0.966	0.57	237.3	1982	1998	PRODUCTION DECLINE
14.95	0.193	0.20	920	14	0.981	0.58	260.5	1974	1995	PRODUCTION DECLINE
18.68	0.119	0.45	930	17	0.981	0.58	343.7	1976	1995	PRODUCTION DECLINE
4.60	0.250	0.85	960	13	0.980	0.58	274.2	1975	1995	PRODUCTION DECLINE
12.09	0.161	0.40	920	12	0.981	0.58	243.9	1981	1995	PRODUCTION DECLINE
13.40	0.120	0.25	900	13	0.981	0.58	260.1	1985	1995	PRODUCTION DECLINE
14.28	0.144	0.35	890	15	0.982	0.58	284.8	1980	1995	PRODUCTION DECLINE
								1959	1995	RENENER AEL CNRL SHERRIT QUEBEC RIOALTO CANST PROGAS PANALTA IOL CANOXY PARAMNT NRTHSTR CNWE
6.45	0.124	0.30	880	12	0.981	0.58	243.6	1985	1998	RENENER PARAMNT PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
LIEGE 093-21W4 (CONTINUED) TOTAL-LIEGE	32 232			19 951	17 696	2 255		82 384	
LIMESTONE 033-10W5									
RUNDLE G	882	0.85	0.10	675	526	149	39	5 744	229
RUNDLE I	717	0.60	0.15	366	282	84	39	3 245	1 294
RUNDLE P	898	0.85	0.15	649	265	384	39	14 826	200
RUNDLE A		0.85	0.20				39		1 457
RUNDLE B		0.85	0.20				39		1 752
RUNDLE A & B TOTAL	11 059	0.85	0.20	7 520	6 222	1 298	39	50 142	
RUNDLE E		0.70	0.20				39		672
RUNDLE F		0.70	0.20				39		652
RUNDLE E & F TOTAL	2 411	0.70	0.20	1 350	1 084	266	39	10 268	
RUNDLE C	5 841	0.85	0.15	4 220			39		1 721
RUNDLE M	1 072	0.85	0.20	729			39		400
LEDUC C	177	0.75	0.40	80			37		200
RUNDLE C M & LEDUC C TOTAL	7 090	0.85	0.15	5 029	2 995	2 034	39	78 818	
WABAMUN A	5 916	0.80	0.25	3 550	2 962	588	38	22 538	2 037
WABAMUN B	2 406	0.50	0.40	722	613	109	38	4 129	1 066
WABAMUN E	706	0.85	0.30	420	404	16	38	604	344
WAB 05-034-10	739	0.85	0.30	440		440	38	16 698	200
NISKU A	854	0.85	0.35	472			37		400
LEDUC A	788	0.85	0.35	436			37		282
NISKU A & LEDUC A TOTAL	1 642	0.85	0.35	908	731	177	37	6 579	
NISKU B	675	0.85	0.35	373			37		200
LEDUC B	955	0.80	0.35	497			37		200
NISKU B & LEDUC B TOTAL	1 630	0.80	0.35	870	520	350	37	13 097	
OTHER	674			432	311	121		4 589	
TOTAL-LIMESTONE	36 770			22 931	16 915	6 016		231 277	
LINDBERGH 057-05W4 TOTAL-LINDBERGH	7 333			4 376	2 343	2 033		75 230	
LINK 034-17W4 TOTAL-LINK	1 079			690	493	197		7 311	
LITTLE BOW 015-19W4									
UPPER MANNVILLE A	573	0.90	0.10	464	464	< 1	38	-	300
UPPER MANNVILLE RR	560	0.85	0.10	428	111	317	37	11 653	450
OTHER	6 684			3 443	1 497	1 946		73 439	
TOTAL-LITTLE BOW	7 817			4 335	2 072	2 263		85 092	
LITTLE HORSE 077-12W5 TOTAL-LITTLE HORSE	13			7		7		273	
LITTLE SMOKY 067-22W5 TOTAL-LITTLE SMOKY	507			349	75	274		10 673	
LLOYDMINSTER 050-01W4 COLONY	610	0.60	0.05	348	264	84	35	2 955	4 600
SPARKY ASSOC		0.65	0.05				36		281
SPARKY SOLN	783	0.57	0.40	268 ^b			36		
SPARKY ASSOC		0.65	0.05				36		123
SPARKY ASSOC		0.65	0.05				36		70
SPARKY ASSOC		0.65	0.05				36		29
SPARKY		0.70	0.05				36		16
SPARKY ASSOC		0.65	0.05				36		100
SPARKY ASSOC		0.70	0.05				35		32
SPARKY ASSOC		0.70	0.05				36		16
GENERAL PETROLEUM C ASSOC		0.70	0.05				36		75
SPARKY ASSOC	6	0.70	0.05	4 ^b			36		33
SPARKY & GEN PETE C&D TOTAL	973	0.60	0.30	392 ^b	369 ^b	23	36	827	
OTHER	5 508			3 180	1 612	1 568		55 861	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
13.87	0.060	0.80	31 300	88	0.980	0.62	3 737.0	1977	1997	MOBIL HUSKY PRODUCTION DECLINE TOP/BASE
16.75	0.063	0.90	26 020	87	0.931	0.65	3 414.9	1979	1998	TVD, PRODUCING LOC IS 11-5
45.00	0.050	0.90	25 310	81	0.917	0.65	3 483.1	1986	1994	PCOG TCPL SHELL PRODUCTION DECLINE
22.78	0.079	0.90	27 450	71	0.900	0.71	3 056.7	1975	1994	TOP/BASE TVD
8.26	0.075	0.85	24 510	78	0.891	0.70	3 193.5	1975	1994	TCPL SHELL TOP/BASE TVD
19.43	0.066	0.80	24 660	83	0.898	0.69	3 105.2	1976	1994	PRODUCTION DECLINE TOP/BASE TVD
5.68	0.063	0.75	24 660	83	0.898	0.69	3 247.3	1976	1994	TCPL
20.69	0.079	0.90	23 780	62	0.875	0.67	2 809.4	1974	1997	TOP/BASE TVD
17.80	0.073	0.90	24 150	71	0.871	0.72	3 094.5	1988	1995	TOP/BASE TVD
24.38	0.050	0.80	27 860	75	0.828	0.82	3 870.5	1974	1989	PRODUCTION DECLINE TOP/BASE TVD
20.58	0.052	0.80	30 250	106	0.953	0.72	3 748.0	1975	1997	PCOG TCPL
17.65	0.055	0.85	31 010	95	0.876	0.81	3 755.9	1976	1996	PCOG GULF TCPL PRODUCTION DECLINE TOP/BASE
18.65	0.070	0.90	29 770	70	0.887	0.75	3 275.9	1987	1996	TVD
32.60	0.050	0.95	29 970	111	0.930	0.76	4 063.7	1992	1994	TCPL
12.60	0.073	0.90	30 660	96	0.916	0.78	3 448.4	1976	1997	TCPL PRODUCTION DECLINE TOP/BASE TVD
19.45	0.063	0.85	30 660	91	0.893	0.80	3 542.2	1976	1997	PCOG TCPL TOP/BASE TVD
20.15	0.075	0.80	31 710	88	0.895	0.81	3 830.3	1976	1996	TOP/BASE TVD
25.35	0.080	0.85	31 930	89	0.906	0.80	3 913.1	1976	1996	TOP/BASE TVD
								1976	1992	TCPL
4.30	0.195	0.65	11 580	41	0.806	0.68	1 215.9	1965	1995	ENGAGE PROGAS CANST NONCOMMERCIAL OIL
5.93	0.231	0.70	12 000	44	0.829	0.66	1 189.8	1980	1996	
4.30	0.300	0.60	3 050	22	0.945	0.58	535.8	1943	1985	BEAU TALISMA HUSKY CWNGNUL AMOCO MATERIAL
1.99	0.320	0.90	3 480	24	0.936	0.58	588.0	1943	1994	BALANCE COMPOSITE COLONY RESERVE, SLUSH
3.01	0.320	0.80	3 480	24	0.936	0.59	581.8	1943	1994	OIL
1.77	0.320	0.90	3 480	24	0.936	0.59	586.7	1943	1994	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.17	0.320	0.90	3 480	24	0.936	0.59	596.1	1943	1994	PRODUCTION DECLINE CONCURRENT PRODUCTION
1.20	0.320	0.80	4 010	24	0.929	0.58	595.4	1943	1994	PRODUCTION DECLINE ASSIGNED WELL
1.24	0.320	0.80	3 480	24	0.937	0.58	593.8	1943	1994	05-28-049-01W4M
1.31	0.323	0.80	3 780	24	0.933	0.60	581.8	1943	1996	PRODUCTION DECLINE ASSIGNED WELL
0.70	0.310	0.70	3 950	24	0.930	0.58	600.1	1943	1994	AO/02-29-049-01W4M
0.91	0.251	0.65	4 110	24	0.914	0.63	606.1	1977	1994	PRODUCTION DECLINE ASSIGNED WELL
1.76	0.320	0.85	3 740	23	0.932	0.58	577.5	1943	1998	01-02-050-02W4M
								1943	1994	PRODUCTION DECLINE
										BEAU CNRL HUSKY CWNGNUL TALISMA AMOCO
										CONCURRENT PRODUCTION

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
LLOYDMINSTER 050-01W4 (CONTINUED) TOTAL-LLOYDMINSTER	7 091			3 920	2 245	1 675		59 643	
LOCHEND 027-03W5 CARDIUM A SOLN	1 228	0.65	0.20	638			41		
CARDIUM A, C & E TOTAL	1 228	0.65	0.20	638	405	233	41	9 530	
OTHER	36			17		17		686	
TOTAL-LOCHEND	1 264			655	405	250		10 216	
LOCHINVAR (SA) 041-26W4 TOTAL-LOCHINVAR	252			162		162		6 205	
LOGAN 072-13W4 TOTAL-LOGAN	158			83		83		3 082	
LOMOND 018-23W4 TOTAL-LOMOND	722			472	128	344		13 046	
LONE 089-04W6 TOTAL-LONE	95			59		59		2 212	
LONE PINE CREEK 030-28W4 VIKING E	456	0.75	0.10	308	262	46	39	1 794	2 127
WABAMUN A	16 256	0.82	0.27	9 731	9 091	640	37	23 501	17 337
D-3 A SOLN	557	0.65	0.33	243b			35		
D-3 A ASSOC	3 074	0.50	0.33	1 030b	1 125b	148	35	5 213	1 835
OTHER	1 579			952	445	507		19 372	
TOTAL-LONE PINE CREEK	21 922			12 264	10 923	1 341		49 880	
LONG COULEE 016-21W4 GLAUCONITIC F SOLN	82	0.65	0.25	40b			38		
GLAUCONITIC F ASSOC	2 259	0.80	0.20	1 446b	1 455b	31	38	1 190	1 543
GLAUCONITIC H ASSOC	521	0.90	0.05	446b	354b	92	38	3 490	247
GLAUCONITIC Z	738	0.85	0.25	470	160	310	38	11 885	150
GLAUCONITIC I ASSOC	2 053	0.85	0.25	1 309b			38		1 824
SUNBURST G	2 748	0.85	0.25	1 752b			39		3 374
GLC I & SUNBURST G TOTAL	4 801	0.85	0.25	3 061b	2 952b	109	39	4 203	
SUNBURST D	800	0.90	0.15	612	546	66	39	2 553	1 359
OTHER	6 547			3 526	1 628	1 898		72 335	
TOTAL-LONG COULEE	15 748			9 601	7 095	2 506		95 656	
LOOKOUT BUTTE 001-28W4 RUNDLE A	13 785	0.59	0.25	6 100	5 994	106	40	4 287	2 858
TOTAL-LOOKOUT BUTTE	13 785			6 100	5 994	106		4 287	
LOON 085-09W5 TOTAL-LOON	653			179		179		6 987	
LOVETT RIVER 047-19W5 CARDIUM A	655	0.90	0.10	531	209	322	40	12 896	200
CARDIUM B	377	0.90	0.10	305	113	192	40	7 692	200
RUNDLE A	1 239	0.50	0.10	558	88	470	39	18 401	1 453
OTHER	22			15		15		590	
TOTAL-LOVETT RIVER	2 293			1 409	410	999		39 579	
LUBICON 087-10W5 TOTAL-LUBICON	19			8		8		312	
LUCKY 061-18W4 TOTAL-LUCKY	1 373			929	585	344		12 875	
LUNNFORD 059-03W5 TOTAL-LUNNFORD	258			149	34	115		4 456	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
						0.75		1961 1961	1998 1998	GPP CRESTAR BLUERGE WASCANA CANOXY CHEL POCO TCPL AMOCO GPP
1.93 10.62	0.102 0.055	0.50 0.80	8 700 24 360	62 81	0.872 0.876	0.67 0.77	1 722.1 2 438.7	1990 1955	1995 1996	PRODUCTION DECLINE CANOXY POCO PANALTA MOBIL TCPL AMOCO MATERIAL BALANCE
						0.78		1963	1985	TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
17.43	0.070	0.85	22 480	83	0.862	0.78	2 427.1	1963	1985	TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
2.64 2.63	0.186 0.220	0.80 0.75	10 520 16 660	41 51	0.806 0.831	0.77 0.63	1 462.4 1 385.0	1967 1967 1979	1993 1993 1993	CRESTAR QUEBEC TCPL PRODUCTION DECLINE GPP CRESTAR QUEBEC TCPL PRODUCTION DECLINE GPP TCPL PIONEER CANST CRESTAR PRODUCTION DECLINE CONCURRENT PRODUCTION
17.50 3.01 4.40	0.220 0.198 0.145	0.90 0.80 0.65	12 010 12 930 13 270	37 52 39	0.776 0.807 0.747	0.80 0.80 0.82	1 339.7 1 425.8 1 439.8	1989 1975 1967	1996 1996 1996	CRESTAR TCPL PRODUCTION DECLINE GPP PRODUCTION DECLINE CRESTAR TCPL PANALTA IOL AMOCO NRTHSTR GPP
3.69	0.154	0.60	13 100	40	0.765	0.76	1 427.3	1982	1996	CRESTAR QUEBEC SUMMIT TCPL MATERIAL BALANCE NONCOMMERCIAL OIL
35.16	0.063	0.80	32 850	88	0.936	0.98	3 626.1	1959	1994	TCPL PIONEER PRODUCTION DECLINE PREV GAS CYCLING, BLOWDOWN
20.00 13.70 7.24	0.110 0.090 0.059	0.80 0.85 0.85	17 740 16 440 31 800	60 54 111	0.814 0.794 1.003	0.67 0.67 0.62	1 802.8 1 660.3 3 599.2	1992 1993 1958	1995 1996 1998	CONOCO TOP/BASE TVD CONOCO TOP/BASE TVD WASCANA TALISMA PANALTA TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
LYLE 073-18W4 TOTAL-LYLE	303			164	22	142		5 237	
LYNX 062-09W6 DUNVEGAN B OTHER TOTAL-LYNX	679 352 1 031	0.70	0.10	428 247 675	389 151 540	39 96 135	40	1 547 3 800 5 347	200
MAJEAU 056-04W5 TOTAL-MAJEAU	1 692			1 144	678	466		18 270	
MAJORVILLE 018-19W4 BELLY RIVER A	603	0.65	0.05	372	360	12	37	439	3 201
UPPER MANNVILLE F UPPER MANNVILLE J OTHER TOTAL-MAJORVILLE	734 706 2 857 4 900	0.85 0.85	0.10 0.10	562 540 1 916 3 390	80 90 1 078 1 608	482 450 838 1 782	38 38	18 422 17 060 31 326 67 247	300 300
MALMO 043-22W4 ELLERSLIE C ASSOC	490	0.80	0.10	353 ^b	140 ^b	213	39	8 290	131
D-3 B OTHER TOTAL-MALMO	1 830 3 748 6 068	0.85	0.20	1 245 2 068 3 666	764 707 1 611	481 1 361 2 055	35	16 763 52 633 77 686	981
MANIR 072-03W6 CHARLIE LAKE A SOLN CHARLIE LAKE A ASSOC WAB 25-072-03 OTHER TOTAL-MANIR	228 327 793 699 2 047	0.65 0.85 0.80	0.05 0.05 0.20	141 ^b 264 ^b 507 485 1 397	213 ^b	192 507 485 1 184	39 39 40	7 434 20 209 18 801 46 444	783 400
MANITO 042-20W4 TOTAL-MANITO	216			130	25	105		3 864	
MANNVILLE 051-08W4 UPPER&MIDDLE VIKING B	1 029	0.50	0.05	489	448	41	37	1 498	13 648
UPPER&MIDDLE VIKING A UPPER MANNVILLE K U&M VIK A & UMN K TOTAL	594	0.65 0.75 0.65	0.03 0.05 0.05	380	347	33	36 38 37	1 207	8 681 300
UPPER MANNVILLE C UPPER MANNVILLE F OTHER TOTAL-MANNVILLE	811 2 008 5 784 10 226	0.70 0.60	0.05 0.05	540 1 145 3 878 6 432	524 795 2 068 4 182	16 350 1 810 2 250	37 38	593 13 370 67 187 83 855	2 523 5 522
MANNY 076-21W4 TOTAL-MANNY	423			210	70	140		5 177	
MANOLA 058-02W5 TOTAL-MANOLA	457			244	161	83		3 231	
MANYBERRIES 005-05W4 BOW ISLAND A OTHER TOTAL-MANYBERRIES	694 3 692 4 386	0.90	0.05	594 1 989 2 583	569 1 269 1 838	25 720 745	35	879 26 462 27 341	2 897
MARIE 065-02W4 GRAND RAPIDS B OTHER TOTAL-MARIE	827 786 1 613	0.60	0.05	471 404 875	327 266 593	144 138 282	37	5 334 5 107 10 441	2 725
MARKERVILLE 036-02W5 ELLERSLIE E PEKISKO A	576 1 865	0.85 0.80	0.10 0.15	441 1 268	90 937	351 331	40 40	14 054 13 164	450 3 372
OTHER TOTAL-MARKERVILLE	1 069 3 510			752 2 461	365 1 392	387 1 069		15 252 42 470	
MARLBORO 055-19W5 LEDUC A	5 972	0.50	0.30	2 090	2 059	31	37	1 154	679

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
9.40	0.070	0.70	27 010	85	0.918	0.67	3 084.0	1980	1994	PANALTA PRODUCTION DECLINE
6.52	0.250	0.50	1 960	18	0.962	0.57	562.2	1975	1996	RENENER MARATHN UNPACF CRESTAR PROGAS PANALTA PRODUCTION DECLINE
10.25	0.223	0.75	12 740	41	0.808	0.64	1 390.6	1981	1996	CRESTAR
17.50	0.162	0.60	12 050	38	0.796	0.67	1 317.8	1985	1995	NRTHSTR
2.99	0.218	0.60	10 210	50	0.816	0.71	1 397.5	1983	1996	ENRMARK BLUERGE TCPL MATERIAL BALANCE
15.24	0.093	0.85	15 080	59	0.834	0.74	1 620.1	1959	1996	CONCURRENT PRODUCTION DEPL CNRL TCPL
2.82	0.136	0.70	15 380	60	0.844	0.62	1 645.4	1985	1996	CANOXY CONCURRENT PRODUCTION
23.10	0.044	0.75	29 380	80	0.910	0.75	2 736.8	1985	1996	CANOXY CONCURRENT PRODUCTION
								1983	1988	TALISMA
1.93	0.198	0.50	3 830	24	0.929	0.59	528.1	1972	1997	CRESTAR SIGNALT BEAU UNPACF CNRL TCPL PANALTA CWNGNUL PROGAS ENGAGE
0.93	0.200	0.35	5 580	24	0.894	0.61	568.4	1917	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE
2.25	0.300	0.80	4 810	24	0.905	0.59	592.4	1972	1995	PART OF VIK POOL NO.2 PRODUCTION DECLINE
								1917	1995	CRESTAR SIGNALT DUKE TCPL PART OF VIK POOL NO.2
2.28	0.250	0.65	4 600	22	0.913	0.58	580.3	1970	1998	SIGNALT TCPL PRODUCTION DECLINE SLUSH OIL
3.72	0.286	0.75	4 340	24	0.912	0.59	588.4	1971	1996	SIGNALT BEAU TCPL NONCOMMERCIAL OIL
2.64	0.258	0.65	5 120	20	0.908	0.59	791.9	1947	1997	CRESTAR CMG ALTROAN MATERIAL BALANCE
4.63	0.275	0.65	2 070	21	0.961	0.56	319.1	1978	1997	RENENER IOL PRODUCTION DECLINE
8.70	0.115	0.80	16 070	73	0.826	0.71	2 102.4	1988	1996	CRESTAR POCO TCPL SLUSH OIL
11.65	0.063	0.75	15 860	76	0.811	0.76	2 268.7	1976	1997	PANALTA PROGAS POCO IOL AMOCO RANGER MATERIAL BALANCE SLUSH OIL
59.46	0.063	0.90	34 520	130	0.988	0.73	3 686.5	1965	1998	TALISMA AMOCO MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
MARLBORO 055-19W5 (CONTINUED)									
OTHER	214			143	84	59		2 379	
TOTAL-MARLBORO	6 186			2 233	2 143	90		3 533	
MARSH 054-25W5									
TOTAL-MARSH	216			146		146		5 764	
MARTEN 076-04W5									
WABISKAW D	600	0.60	0.05	342	200	142	37	5 234	2 458
WABISKAW A		0.50	0.05				38		1 776
WABISKAW B		0.60	0.05				37		600
WABISKAW A & B TOTAL	593	0.55	0.05	304	198	106	37	3 958	
OTHER	1 075			676	352	324		12 059	
TOTAL-MARTEN	2 268			1 322	750	572		21 251	
MARTEN HILLS 075-25W4									
GRAND RAPIDS A	624	0.75	0.05	444	443	1	37	37	4 432
WABISKAW C	408	0.80	0.05	310	300	10	37	369	2 245
WABISKAW A		0.85	0.05				37		90 837
WABAMUN A		0.65	0.05				37		31 838
WBSK A & WAB A TOTAL	35 316	0.80	0.05	26 790	23 919	2 871	37	106 572	
OTHER	8 122			4 676	1 827	2 849		105 375	
TOTAL-MARTEN HILLS	44 470			32 220	26 489	5 731		212 353	
MARWAYNE 053-01W4									
TOTAL-MARWAYNE	899			542	240	302		11 036	
MATZIWIN 024-14W4									
MILK RIVER A	2 828	0.50	0.05	1 343			36		19 157
MEDICINE HAT A	2 376	0.70	0.03	1 613			36		18 731
MEDICINE HAT C	68	0.50	0.03	33			36		2 328
MEDICINE HAT D	208	0.50	0.03	101			36		5 922
SECOND WHITE SPECKS A	84	0.50	0.05	40			36		1 278
SE ALTA GAS SYS(MU) TOTAL	5 564	0.60	0.05	3 130	1 730	1 400	36	51 058	
OTHER	1 973			1 306	471	835		31 828	
TOTAL-MATZIWIN	7 537			4 436	2 201	2 235		82 886	
MAX 075-19W4									
TOTAL-MAX	123			70	28	42		1 541	
MCADAM 082-14W4									
TOTAL-MCADAM	267			130	16	114		4 211	
MCGREGOR 017-20W4									
TOTAL-MCGREGOR	730			509	168	341		12 718	
MCGUFFIN 066-11W4									
TOTAL-MCGUFFIN	489			263	11	252		9 399	
MCKINLEY 065-22W5									
TOTAL-MCKINLEY	352			237	126	111		4 264	
MCLAUGHLIN 046-01W4									
TOTAL-MCLAUGHLIN	58			35	21	14		484	
MCLEANS CREEK 074-21W5									
TOTAL-MCLEANS CREEK	189			126		126		4 699	
MCLEOD 054-14W5									
CARDIUM A SOLN	20	0.65	0.10	12b			38		
CARDIUM A ASSOC	766	0.80	0.10	552b	-481b	1 045	38	40 034	2 648
CARDIUM D	545	0.80	0.10	392	315	77	39	2 975	1 806

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
MCLEOD 054-14W5 (CONTINUED)									
GETHING D	1 449	0.85	0.15	1 047	581	466	41	18 896	2 452
GETHING O	594	0.85	0.15	429	310	119	41	4 831	650
GETHING W	434	0.85	0.10	332	32	300	40	11 946	300
GETHING Z	552	0.85	0.10	422	75	347	39	13 651	300
GETHING GG	1 290	0.75	0.10	871	165	706	40	28 275	3 153
GETHING C	3 005	0.75	0.10	2 029			39		4 761
GETHING R	40	0.75	0.10	27			40		150
ROCK CREEK A	2 365	0.70	0.10	1 490			40		3 602
ROCK CREEK B	361	0.85	0.10	276			40		955
GETH C,R,RK CK A & B TOTAL	5 771	0.75	0.10	3 822	1 817	2 005	39	79 177	
GETHING DD	30	0.75	0.10	21			40		150
ROCK CREEK H	623	0.85	0.10	477			40		1 139
GETH DD & ROCK CK H TOTAL	653	0.85	0.10	498	126	372	40	14 913	
OTHER	5 309			3 407	827	2 580		103 138	
TOTAL-MCLEOD	17 383			11 784	3 767	8 017		317 836	
MCMILLAN 074-17W4									
GROSMONT A	514	0.70	0.05	342	333	9	37	332	4 702
OTHER	368			218	191	27		1 009	
TOTAL-MCMILLAN	882			560	524	36		1 341	
MCMULLEN 077-26W4									
WABISKAW A		0.60	0.05				37		3 818
WABAMUN A		0.65	0.05				37		200
WBSK A & WAB A TOTAL	1 351	0.65	0.05	808	725	83	37	3 084	
OTHER	822			479	172	307		11 422	
TOTAL-MCMULLEN	2 173			1 287	897	390		14 506	
MEADOW 062-25W4									
TOTAL-MEADOW	93			65	9	56		2 127	
MEANDOK 063-22W4									
TOTAL-MEANDOK	1 829			1 264	805	459		17 175	
MEDALLION 019-27W4									
TOTAL-MEDALLION	106			69	67	2		78	
MEDICINE HAT 013-03W4									
MILK RIVER A	49 323	0.70	0.05	32 800			36		379 324
MEDICINE HAT A	90 574	0.70	0.03	61 500			36		541 112
SECOND WHITE SPECKS P	6	0.60	0.05	4			36		128
SECOND WHITE SPECKS J	407	0.60	0.05	232			36		5 180
LOWER COLORADO SAND A	351	0.60	0.05	200			36		5 560
MEDICINE HAT C	5 360	0.65	0.03	3 379			36		150 927
MEDICINE HAT D	4 948	0.65	0.03	3 120			36		130 618
SECOND WHITE SPECKS A	7 299	0.60	0.05	4 160			36		65 547
SECOND WHITE SPECKS M	11	0.60	0.05	7			36		200
SECOND WHITE SPECKS D	2 078	0.60	0.05	1 185			36		25 157
SECOND WHITE SPECKS K	5	0.60	0.05	3			36		200
SECOND WHITE SPECKS L	13	0.60	0.05	8			37		200
SECOND WHITE SPECKS R	146	0.60	0.05	84			36		4 264
SE ALTA GAS SYS(MU) TOTAL	160 521	0.70	0.05	106 682	85 715	20 967	36	764 247	
SECOND WHITE SPECKS F	458	0.75	0.05	327		327	37	11 939	1 800
BOW ISLAND B		0.40	0.05				36		1 487
BOW ISLAND B		0.40	0.05				36		1 029
BOW ISLAND B TOTAL	1 168	0.40	0.05	444	444	< 1	36	-	
BOW ISLAND L	510	0.80	0.05	388	387	1	37	37	3 642
OTHER	5 199			3 484	2 340	1 144		41 455	
TOTAL-MEDICINE HAT	167 856			111 325	88 886	22 439		817 678	
MEDICINE LODGE 052-21W5									
VIKING A	1 835	0.85	0.10	1 404	1 127	277	40	10 991	2 865
WABAMUN A	2 255	0.80	0.05	1 714	1 192	522	36	18 881	817
WABAMUN B	623	0.85	0.20	424	71	353	38	13 389	200

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.21	0.142	0.60	16 510	75	0.809	0.75	2 124.3	1982	1998	PROGAS RIOALTO ENGAGE POCO CNFRST CHEL CANOXY AMOCO CRESTAR PRODUCTION DECLINE PROGAS AEL PANALTA PRODUCTION DECLINE
3.12	0.154	0.75	16 880	77	0.817	0.74	2 172.3	1985	1998	
12.71	0.134	0.55	16 420	82	0.851	0.69	2 215.8	1994	1998	
10.00	0.150	0.80	15 310	73	0.821	0.74	2 023.6	1996	1996	
2.58	0.144	0.65	17 050	76	0.820	0.74	2 058.0	1985	1998	TCPL PROGAS AEL
3.75	0.150	0.70	16 140	72	0.830	0.71	2 008.3	1980	1997	
1.50	0.140	0.75	16 940	71	0.819	0.72	2 054.2	1983	1996	
4.38	0.149	0.60	16 910	70	0.836	0.68	1 982.0	1963	1998	NONCOMMERCIAL OIL
2.89	0.158	0.50	16 730	72	0.833	0.69	2 076.8	1987	1996	
								1963	1998	RENENER PROGAS RIOALTO PANALTA CNRL ULSTER IOL CRESTAR POCO MOBIL CANOXY
1.50	0.110	0.75	16 230	69	0.830	0.68	1 831.0	1996	1998	
3.36	0.143	0.70	16 230	69	0.830	0.68	1 845.1	1996	1998	
								1996	1998	CRESTAR PROGAS PANALTA ALTROAN
9.77	0.120	0.40	2 050	19	0.960	0.57	463.1	1971	1998	TCPL PRODUCTION DECLINE
3.61	0.312	0.75	2 680	23	0.950	0.57	565.7	1968	1995	PRODUCTION DECLINE
5.79	0.160	0.60	2 630	22	0.950	0.57	547.9	1968	1995	PRODUCTION DECLINE
								1968	1995	RENENER PROGAS WASCANA CANST CNRL
5.15	0.154	0.55	3 140	16	0.938	0.56	372.9	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
3.88	0.170	0.55	4 310	17	0.916	0.56	436.1	1904	1994	PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
0.80	0.160	0.60	5 740	19	0.895	0.57	562.8	1978	1994	
1.42	0.150	0.60	5 790	24	0.902	0.57	591.1	1977	1996	
1.13	0.160	0.50	6 520	25	0.891	0.56	753.8	1977	1994	
0.90	0.139	0.60	4 450	19	0.916	0.56	419.9	1973	1994	PART OF MED HAT POOL NO.3
0.96	0.139	0.60	4 450	19	0.916	0.56	463.9	1973	1994	PART OF MED HAT POOL NO.4
1.44	0.216	0.60	5 690	27	0.904	0.56	569.7	1944	1994	PART OF 2WS POOL NO.1
1.10	0.150	0.60	5 330	23	0.908	0.57	562.4	1981	1994	
1.73	0.171	0.55	4 900	26	0.918	0.58	652.9	1975	1996	
0.90	0.150	0.60	5 790	19	0.894	0.57	550.2	1977	1994	PRODUCTION DECLINE
1.21	0.160	0.55	5 700	20	0.894	0.56	619.7	1977	1994	
1.04	0.170	0.60	3 150	22	0.943	0.58	590.3	1975	1994	
								1904	1994	LOMALTA CNRL POCO SASKEN RENENER PANALTA CWNGNUL TCPL CTYMEDH DIRECT IOL WASCANA CANST ALTROAN AEC CNFRST PANCDN
1.68	0.198	0.60	5 690	27	0.904	0.57	688.3	1976	1992	CRESTAR ALTROAN
5.14	0.284	0.60	6 520	24	0.887	0.57	794.1	1948	1983	
5.77	0.281	0.60	5 750	31	0.907	0.58	802.1	1948	1996	
								1948	1996	
1.49	0.214	0.70	5 840	23	0.895	0.56	657.7	1977	1990	CRESTAR ALTROAN CWNGNUL DIRECT
1.81	0.130	0.80	37 420	89	1.024	0.75	2 866.6	1975	1995	PCOG UNPACF TALISMA PANALTA PRODUCTION DECLINE
5.32	0.076	0.75	36 550	126	1.061	0.65	3 758.8	1977	1995	PCOG PROGAS AMOCO MATERIAL BALANCE TOP/BASE TVD
19.83	0.090	0.75	33 090	127	1.011	0.66	3 920.9	1979	1996	PROGAS AEL PCOG TALISMA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
MEDICINE LODGE 052-21W5 (CONTINUED)									
OTHER	702			529	6	523		20 491	
TOTAL-MEDICINE LODGE	5 415			4 071	2 396	1 675		63 752	
MEDICINE RIVER 039-03W5									
GLAUCONITIC A ASSOC		0.85	0.10				41		2 397
GLAUCONITIC A SOLN	3 794	0.39	0.20	1 184 ^b			41		
GLAUCONITIC A ASSOC		0.80	0.15				41		227
GLAUCONITIC A TOTAL	5 559	0.55	0.15	2 459 ^b	1 687 ^b	772	41	31 428	
GLAUCONITIC D		0.75	0.10				40		150
OSTRACOD A ASSOC		0.70	0.10				39		874
OSTRACOD A SOLN	220	0.43	0.44	53 ^b			39		
OSTRACOD A ASSOC		0.70	0.10				39		233
OSTRACOD A ASSOC		0.70	0.15				40		169
GLAUC D & OST A TOTAL	947	0.70	0.15	544 ^b	521 ^b	23	40	909	
OSTRACOD C SOLN	90	0.65	0.45	32 ^b			42		
OSTRACOD C ASSOC	2 713	0.85	0.15	1 960 ^b	1 979 ^b	13	42	540	2 923
BASAL QUARTZ C ASSOC	650	0.80	0.15	442	370	72	40	2 866	498
BASAL QUARTZ B ASSOC	48	0.70	0.10	31 ^b			38		177
BASAL QUARTZ B SOLN	2 000	0.36	0.45	396 ^b			38		
BASAL QUARTZ B ASSOC	12	0.70	0.10	7 ^b			38		32
BASAL QUARTZ B TOTAL	2 060	0.35	0.45	434 ^b	80 ^b	354	38	13 611	
BASAL QUARTZ LL ASSOC		0.90	0.15				41		409
BASAL QUARTZ LL ASSOC		0.90	0.10				38		117
BASAL QUARTZ LL TOTAL	1 159	0.90	0.15	897 ^b	709 ^b	188	41 ^a	7 635	
JURASSIC D SOLN	1 143	0.42	0.30	336 ^b			44		
JURASSIC D ASSOC	371	0.80	0.20	238 ^b	363 ^b	211	44	9 191	281
JURASSIC M	729	0.85	0.10	558	536	22	38	842	200
PEKISKO N SOLN	635	0.65	0.15	351	122	229	39	9 000	
PEKISKO N ASSOC	1 420	0.80	0.10	1 022		1 022	39	40 165	1 459
PEKISKO I ASSOC		0.75	0.20				42		187
PEKISKO I SOLN	503	0.65	0.20	262 ^b			42		
PEKISKO I ASSOC		0.75	0.20				42		10
PEKISKO I TOTAL	750	0.70	0.20	410 ^b	396 ^b	14	42	586	
PEKISKO P	725	0.85	0.10	554	536	18	38	682	400
PEKISKO W	913	0.85	0.15	660	164	496	40	20 053	200
D-3 E ASSOC	423	0.85	0.15	306 ^b	46 ^b	260	40	10 504	200
OTHER	12 977			5 986	2 905	3 081		123 681	
TOTAL-MEDICINE RIVER	33 264			17 189	10 414	6 775		271 693	
MEEKWAP 066-15W5									
D-2 A SOLN	1 451	0.56	0.40	488	390	98	41	4 001	
OTHER	66			36		36		1 452	
TOTAL-MEEKWAP	1 517			524	390	134		5 453	
MEGA 101-07W6									
TOTAL-MEGA	63			37		37		1 382	
MELLOWDALE 060-03W5									
TOTAL-MELLOWDALE	215			91	45	46		1 786	
MEYER 070-25W4									
TOTAL-MEYER	3 018			1 936	962	974		36 494	
MICHICHI 030-18W4									
BELLY RIVER F		0.70	0.05				37		2 420
BELLY RIVER U		0.70	0.05				37		250
BELLY RIVER F & U TOTAL	864	0.70	0.05	574	567	7	37	258	
UPPER MANNVILLE B	127	0.75	0.10	86			38		888
LOWER MANNVILLE E	455	0.85	0.10	348			38		1 208
U MANN B & L MANN E TOTAL	582	0.85	0.10	434	201	233	38	8 882	
LOWER MANNVILLE B SOLN	17	0.65	0.10	10 ^b			40		
LOWER MANNVILLE B ASSOC	742	0.80	0.10	535 ^b	150 ^b	395	40	15 603	1 796

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.71	0.130	0.75	26 150	68	0.863	0.73	2 209.1	1963	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
2.96	0.140	0.85	23 010	69	0.819	0.77	2 187.8	1963	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1963	1998	PRODUCTION DECLINE
4.27	0.110	0.80	18 460	69	0.812	0.74	2 073.6	1961	1998	AEL PCOG RIGEL PANCDN CRESTAR POCO PANALTA
1.96	0.132	0.85	16 090	75	0.830	0.73	2 093.5	1961	1998	ENGAGE TCPL PROGAS IOL DIRECT APACHE
										CONCURRENT PRODUCTION
1.32	0.154	0.75	15 840	74	0.828	0.73	2 067.4	1961	1998	PRODUCTION DECLINE
1.46	0.140	0.70	15 970	74	0.855	0.68	2 078.8	1961	1998	PRODUCTION DECLINE
								1961	1998	PCOG GULF CDNFRST CHEVRON CRESTAR TCPL
						0.72				CONCURRENT PRODUCTION
3.09	0.129	0.75	22 130	78	0.840	0.72	2 281.4	1963	1995	AEL RIGEL CRESTAR TCPL DIRECT PRODUCTION
4.45	0.156	0.65	16 770	76	0.803	0.77	2 142.6	1958	1998	DECLINE CONCURRENT PRODUCTION
1.80	0.138	0.70	16 130	76	0.842	0.71	2 153.3	1959	1996	AEL RIGEL CRESTAR TCPL DIRECT PRODUCTION
2.44	0.140	0.70	16 760	76	0.842	0.71	2 142.6	1959	1996	DECLINE CONCURRENT PRODUCTION
7.47	0.131	0.75	15 600	70	0.822	0.72	2 112.3	1959	1995	PCOG GULF TCPL CRESTAR PRODUCTION DECLINE
3.32	0.142	0.70	16 310	75	0.844	0.71	2 103.1	1959	1995	OIL DEPLETED
								1959	1996	GPP
7.41	0.140	0.75	16 080	72	0.780	0.79	2 124.7	1959	1996	GPP
13.60	0.170	0.80	16 990	76	0.849	0.70	2 161.0	1981	1996	ASSIGNED WELL 16-20-039-03W5M
8.05	0.094	0.80	15 980	71	0.822	0.73	2 130.9	1962	1998	GULF PCOG CRESTAR BLUERGE TCPL GPP
4.63	0.087	0.75	17 180	76	0.776	0.85	2 179.5	1954	1997	MATERIAL BALANCE CONCURRENT PRODUCTION
2.10	0.089	0.75	17 250	76	0.776	0.85	2 182.3	1954	1997	PRODUCTION DECLINE
22.30	0.100	0.75	16 460	75	0.850	0.70	2 118.9	1963	1995	TCPL PCOG CRESTAR CONCURRENT PRODUCTION
36.80	0.110	0.75	15 140	71	0.832	0.71	2 150.0	1986	1994	CRESTAR PROGAS PCOG PANALTA GULF TCPL GPP
11.30	0.090	0.90	27 080	92	0.914	0.72	3 012.7	1985	1995	CRESTAR PROGAS PCOG PANALTA GULF TCPL GPP
										CRESTAR PROGAS TCPL PRODUCTION DECLINE
										PCOG GULF CRESTAR TCPL
										PCOG GULF CRESTAR TCPL
										PRODUCTION DECLINE GPP
										PRODUCTION DECLINE GPP
										PRODUCTION DECLINE
										GULF TCPL AMOCO GPP
										CHEVRON TCPL PRODUCTION DECLINE
										CONWEST
										IOL GAS PROD BEFORE OIL DISC. OIL DEPLETED
						0.75		1966	1998	PCOG WASCANA AEC PANCDN GULF
4.68	0.285	0.55	3 060	26	0.945	0.56	621.7	1980	1995	PRODUCTION DECLINE
2.10	0.210	0.45	3 550	22	0.934	0.57	544.6	1990	1995	PRODUCTION DECLINE
								1980	1995	RENERER CRESTAR ENGAGE PROGAS POCO PANALTA
1.62	0.171	0.50	9 710	49	0.834	0.68	1 311.7	1968	1996	QUEBEC TCPL
4.73	0.142	0.55	9 620	48	0.835	0.68	1 322.8	1968	1997	
								1968	1997	
						0.67		1980	1989	PROGAS CNRL POCO TCPL
4.68	0.159	0.55	9 490	48	0.833	0.67	1 313.0	1980	1989	PROGAS UNPACF ENGAGE RENENER CRESTAR TCPL
										POCO CONC PROD. OIL DEPLETED
										PROGAS UNPACF ENGAGE RENENER CRESTAR TCPL
										POCO CONC PROD. OIL DEPLETED

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
MICHICHI 030-18W4 (CONTINUED)									
OTHER	2 475			1 523	796	727		27 961	
TOTAL-MICHICHI	4 680			3 076	1 714	1 362		52 704	
MIKWAN 036-23W4									
VIKING B	1 510	0.70	0.10	951	892	59	39	2 311	8 177
UPPER MANNVILLE I	410	0.75	0.10	277			39		3 329
LOWER MANNVILLE DD	87	0.70	0.05	58			38		150
U MANN I & L MANN DD TOTAL	497	0.75	0.10	335	108	227	39	8 753	
LOWER MANNVILLE F	560	0.70	0.10	353	278	75	39	2 917	150
OTHER	6 709			4 052	2 297	1 755		67 147	
TOTAL-MIKWAN	9 276			5 691	3 575	2 116		81 128	
MILLS 070-10W4									
TOTAL-MILLS	575			302	214	88		3 251	
MILO 019-23W4									
TOTAL-MILO	1 024			647	307	340		12 798	
MINEHEAD 049-19W5									
CARDIUM C		0.70	0.20				41		3 582
CARDIUM F		0.80	0.15				41		150
CARDIUM C & F TOTAL	3 714	0.70	0.20	2 080	910	1 170	40	47 280	
BEAVERHILL LAKE A	3 285	0.50	0.30	1 150	138	1 012	37	37 171	2 374
OTHER	1 219			790	23	767		30 954	
TOTAL-MINEHEAD	8 218			4 020	1 071	2 949		115 405	
MINNEHIK-BUCK LAKE 045-05W5									
CARDIUM J SOLN	785	0.65	0.10	459	430	29	41	1 187	
OSTRACOD A SOLN	141	0.65	0.10	83 ^b			40		
OSTRACOD A ASSOC	359	0.85	0.10	275 ^b	240 ^b	118	40	4 758	652
ELLERSLIE A	17	0.75	0.10	12			40		150
JURASSIC A	967	0.90	0.15	740			40		2 392
ELRSL A & JUR A TOTAL	984	0.90	0.15	752	731	21	40	843	
PEKISKO A	28 235	0.85	0.10	21 600	20 566	1 034	40	41 681	27 111
OTHER	2 226			1 359	448	911		36 398	
TOTAL-MINNEHIK-BUCK LAKE	32 730			24 528	22 415	2 113		84 867	
MIRAGE 079-07W6									
TOTAL-MIRAGE	892			474	176	298		11 570	
MISTAHAE 079-01W5									
TOTAL-MISTAHAE	666			393	292	101		3 749	
MISTY 033-05W4									
TOTAL-MISTY	550			411	212	199		7 444	
MITISUE 071-04W5									
WABISKAW D	627	0.65	0.05	388	255	133	37	4 962	2 767
GILWOOD A ASSOC	64	0.75	0.10	43 ^b			36		327
GILWOOD A SOLN	12 669	0.52	0.25	4 941 ^b			36		
GILWOOD A ASSOC	119	0.75	0.10	80 ^b			36		200
GILWOOD A ASSOC	67	0.80	0.10	49 ^b			36		400
GILWOOD A ASSOC	89	0.80	0.15	60 ^b			36		200
GILWOOD A ASSOC	77	0.65	0.20	40 ^b			38		400
GILWOOD A ASSOC	56	0.70	0.15	33 ^b			36		200
GILWOOD A ASSOC	29	0.70	0.15	17 ^b			36		200
GILWOOD A TOTAL	13 170	0.55	0.25	5 263 ^b	4 703 ^b	560	36	20 054	
OTHER	4 295			2 733	1 379	1 354		50 526	
TOTAL-MITISUE	18 092			8 384	6 337	2 047		75 542	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.19	0.130	0.60	7 190	50	0.867	0.68	1 391.8	1968	1996	CRESTAR PCOG BLUERGER CNDFRST TCPL MATERIAL BALANCE SLUSH OIL
1.15	0.175	0.70	8 850	56	0.875	0.62	1 474.5	1977	1992	
6.20	0.140	0.75	9 060	56	0.879	0.62	1 545.7	1988	1992	
								1977	1994	PANALTA BEAU BLUERGER CNDFRST CNRL TCPL IOL CWNGNUL CANST AMOCO PIONEER CONWEST PANALTA PRODUCTION DECLINE
7.00	0.170	0.80	7 410	39	0.847	0.67	1 502.0	1977	1998	
5.39	0.141	0.80	23 670	81	0.840	0.79	2 420.0	1966	1998	PRODUCTION DECLINE DEEP CUT SL
4.79	0.087	0.80	23 660	81	0.847	0.77	2 354.6	1988	1998	PRODUCTION DECLINE
								1966	1998	CONOCO RIOALTO POCO PCOG PANALTA TCPL PROGAS
9.04	0.063	0.90	42 920	146	1.079	0.73	4 381.2	1973	1995	PCOG PANALTA
						0.69		1979	1998	AEL POCO PCOG CHEL CNDFRST PROGAS IOL AMOCO TCPL GPP
						0.72		1980	1996	PROGAS MARATHN TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION
0.79	0.145	0.85	16 600	79	0.828	0.72	2 021.8	1980	1996	PROGAS MARATHN TCPL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION
0.80	0.100	0.85	15 750	58	0.795	0.70	2 081.4	1982	1996	
2.38	0.115	0.80	18 950	82	0.822	0.78	2 038.6	1980	1997	
								1980	1997	CRESTAR AEL MARATHN POCO CNDFRST PROGAS TCPL
7.35	0.086	0.75	17 090	85	0.850	0.73	2 111.6	1952	1995	ENCAL CONWEST PENWEST AEL POCO PCOG UNPACF PANALTA PROGAS CANST AMOCO TCPL MATERIAL BALANCE SLUSH OIL
1.79	0.257	0.75	3 590	29	0.938	0.56	634.0	1977	1996	RENENER CNRL CNDFRST MATERIAL BALANCE
1.37	0.118	0.75	15 860	60	0.840	0.71	1 659.2	1964	1996	GPP
						0.71		1964	1996	GPP
4.10	0.170	0.55	14 320	51	0.808	0.74	1 663.0	1964	1991	ASSIGNED WELL 10-23-069-03W5M
1.00	0.130	0.70	18 100	60	0.840	0.71	1 670.2	1964	1996	
2.11	0.120	0.70	25 340	59	0.868	0.76	1 693.2	1964	1996	ASSIGNED WELL 07-09-071-03W5M
2.58	0.104	0.65	9 830	61	0.756	0.89	1 676.4	1964	1996	
1.20	0.170	0.65	12 560	61	0.819	0.76	1 680.8	1964	1996	PRODUCTION DECLINE ASSIGNED WELL 12-29-71-3W5M
1.20	0.120	0.70	12 440	45	0.782	0.76	1 670.3	1964	1996	ASSIGNED WELL 10-27-069-03W5M
								1964	1996	CRESTAR AEL PCOG RIGEL BEAU CNRL CHEVRON GARDNER POCO IOL TCPL CONCURRENT PRODUCTION

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1 2 3			4 5 6 7 8					9
	RAW GAS			MARKETABLE GAS					
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
MONITOR 034-04W4 TOTAL-MONITOR	545			383	270	113		4 142	
MONTAG 085-06W6 TOTAL-MONTAG	649			472	290	182		6 893	
MOONEY 072-07W5 TOTAL-MOONEY	130			80		80		2 560	
MOONSHINE 058-01W4 COLONY A GRAND RAPIDS K OTHER TOTAL-MOONSHINE	450 532 2 465 3 447	0.80 0.65	0.05 0.05	342 329 1 529 2 200	297 236 993 1 526	45 93 536 674	37 37	1 652 3 404 19 620 24 676	2 035 2 144
MOORE 067-04W4 GRAND RAPIDS A OTHER TOTAL-MOORE	839 1 163 2 002	0.60	0.05	478 689 1 167	144 353 497	334 336 670	37	12 438 12 513 24 951	4 971
MOOSE 023-06W5 RUNDLE B RUND 12-023-07 RUNDLE A WABAMUN A RUNDLE A & WABAMUN A TOTAL TOTAL-MOOSE	2 250 765 5 870 1 014 6 884 9 899	0.60 0.80 0.75 0.75 0.75	0.20 0.25 0.25 0.40 0.25	1 080 459 3 302 457 3 759 5 298	855 457 1 927 2 782	225 459 39 1 832 2 516	40 40 40 39 40	8 946 18 273 72 785 100 004	200 200 2 658 440
MORGAN 051-04W4 TOTAL-MORGAN	968			379	233	146		5 328	
MORINVILLE 055-25W4 LOWER MANNVILLE A ASSOC LOWER MANNVILLE A SOLN LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A ASSOC LOWER MANNVILLE A TOTAL	8 977	0.80 0.65 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	5b 703b	 660b	 43	38 38 38 38 38 38 38 38 38 38 38 38	 1 629	274
LOWER MANNVILLE E OTHER TOTAL-MORINVILLE	448 3 232 4 657	0.85	0.10	343 1 980 3 026	343 1 294 2 297	< 1 686 729	38	- 26 566 28 195	1 573
MORLEY 026-07W5 TOTAL-MORLEY	259			163	163				
MORNINGSIDE 042-28W4 GLAUCONITIC D GLAUCONITIC F ELLERSLIE M GLC F & ELRS M TOTAL ELLERSLIE F OTHER TOTAL-MORNINGSIDE	1 684 835 59 894 621 1 597 4 796	0.85 0.85 0.75 0.85 0.85 0.85	0.10 0.10 0.10 0.10 0.10 0.10	1 288 639 40 679 475 1 035 3 477	1 200 438 458 406 2 502	88 39 40 241 17 629 975	40 39 40 39 40	3 482 9 505 679 24 942 38 608	515 450 150 300
MOSSLEIGH 021-24W4 TOTAL-MOSSLEIGH	413			247	110	137		5 207	
MOUNTAIN 047-22W5 CADOMIN B TRIASSIC B CADOMIN B&TRIASSIC B TOTAL CADOMIN A TRIASSIC A CADOMIN A&TRIASSIC A TOTAL TRIASSIC C OTHER	555 1 139 1 467 845	0.75 0.75 0.75 0.75 0.75 0.80 0.75	0.05 0.20 0.20 0.05 0.10 0.10 0.10	337 828 990 626	272 612 975 7	65 40 40 39 39 216 15 619	39 40 40 39 39	2 586 8 394 585 23 581	150 440 300 200 440

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.60 3.22	0.308 0.307	0.70 0.70	2 620 2 580	15 18	0.947 0.950	0.57 0.57	429.1 432.8	1984 1980	1996 1998	TCPL CNRL POCO PRODUCTION DECLINE WASCANA CNRL RENENER PRODUCTION DECLINE
4.11	0.319	0.75	1 660	12	0.965	0.56	357.2	1981	1998	AMOCO AEC PROGAS
60.00 50.00 24.98 29.05	0.070 0.070 0.060 0.050	0.75 0.90 0.70 0.85	15 510 12 620 12 980 14 520	51 81 42 48	0.762 0.835 0.717 0.689	0.75 0.78 0.80 0.82	2 567.3 2 431.3 2 193.7 2 555.0	1978 1994 1960 1977 1960	1995 1996 1997 1996 1997	SHELL PROGAS MATERIAL BALANCE TOP/BASE TVD RIGEL TOP/BASE TVD MATERIAL BALANCE TOP/BASE TVD TCPL SHELL PROGAS AEL
2.97	0.220	0.70	7 940	41	0.857	0.68 0.68	1 082.9	1952 1952	1997 1997	PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE CONCURRENT PRODUCTION
2.49	0.220	0.65	7 940	41	0.857	0.68	1 090.8	1952	1997	PRODUCTION DECLINE
4.56	0.220	0.70	7 940	41	0.857	0.68	1 085.1	1952	1990	PRODUCTION DECLINE
5.48	0.200	0.30	7 940	42	0.859	0.68	1 109.3	1952	1990	PRODUCTION DECLINE
2.23	0.220	0.70	7 940	41	0.857	0.68	1 099.8	1952	1990	PRODUCTION DECLINE
0.79	0.220	0.70	7 940	42	0.859	0.68	1 111.4	1952	1990	PRODUCTION DECLINE
4.81	0.204	0.60	7 940	42	0.859	0.68	1 109.3	1952	1990	PRODUCTION DECLINE
0.69	0.200	0.70	7 940	41	0.857	0.68	1 104.4	1952	1990	PRODUCTION DECLINE
4.04	0.215	0.75	7 940	41	0.857	0.68	1 039.4	1952 1952	1990 1997	PRODUCTION DECLINE GARDNER PROGAS POCO CNWE CDNFRST IOL CANST CONCURRENT PRODUCTION
4.27	0.230	0.55	8 000	41	0.868	0.65	1 081.8	1951	1996	
12.37 10.10 2.80	0.130 0.155 0.140	0.90 0.80 0.70	15 380 14 920 13 990	68 71 67	0.818 0.833 0.811	0.72 0.70 0.73	1 805.4 1 809.3 1 846.8	1993 1994 1994 1994	1998 1996 1996 1996	TCPL NRTHSTR PIONEER PRODUCTION DECLINE TOP/BASE TVD TOP/BASE TVD TCPL NRTHSTR TCPL QUEBEC PANCDN PRODUCTION DECLINE
4.15	0.150	0.80	15 540	72	0.816	0.73	1 803.7	1985	1997	
1.50 6.90	0.080 0.070	0.90 0.85	25 340 28 600	89 107	0.930 0.944	0.62 0.71	2 844.1 3 078.0	1956 1956 1956	1998 1998 1998	PRODUCTION DECLINE PRODUCTION DECLINE PANALTA
7.22 5.19	0.068 0.080	0.80 0.80	25 100 28 840	46 95	0.863 0.963	0.62 0.64	2 936.3 3 205.8	1975 1977 1975 1998	1998 1998 1998 1998	PRODUCTION DECLINE TOP/BASE TVD PRODUCTION DECLINE TOP/BASE TVD
8.40	0.080	0.80	29 430	98	0.980	0.60	3 231.1	1980	1994	MOBIL PANALTA PRODUCTION DECLINE TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
MOUNTAIN 047-22W5 (CONTINUED) TOTAL-MOUNTAIN	4 006			2 781	1 866	915		35 146	
MULLIGAN 081-08W6 PADDY A	1 140	0.70	0.05	758	684	74	37	2 771	3 779
OTHER	1 993			1 362	571	791		29 960	
TOTAL-MULLIGAN	3 133			2 120	1 255	865		32 731	
MURIEL LAKE 059-04W4 MANNVILLE A		0.65	0.05				37		1 024
MANNVILLE A		0.65	0.05				37		75
MANNVILLE A		0.65	0.05				37		1 091
MANNVILLE A		0.65	0.05				37		636
MANNVILLE A TOTAL	805	0.65	0.05	497	411	86	37	3 179	
OTHER	248			157	110	47		1 748	
TOTAL-MURIEL LAKE	1 053			654	521	133		4 927	
MUSIDORA 052-10W4 TOTAL-MUSIDORA	553			389	207	182		6 778	
MUSKWA 087-25W4 TOTAL-MUSKWA	1 815			973	420	553		20 685	
MUSREAU 062-06W6 TOTAL-MUSREAU	372			261	214	47		1 880	
MYSTERY 060-07W5 TOTAL-MYSTERY	30			21		21		815	
NARRAWAY 064-12W6 TOTAL-NARRAWAY	251			170		170		6 732	
NAYLOR (SA) 097-25W5 TOTAL-NAYLOR	25			17		17		665	
NEERLANDIA 061-05W5 ELLERSLIE D	477	0.75	0.05	340	163	177	37	6 634	1 179
OTHER	932			625	360	265		10 205	
TOTAL-NEERLANDIA	1 409			965	523	442		16 839	
NELSON 044-25W4 TOTAL-NELSON	2 886			1 824	232	1 592		61 517	
NESTOW 060-24W4 LOWER MANNVILLE H	537	0.75	0.05	383	229	154	37	5 681	1 526
OTHER	1 926			1 270	666	604		22 275	
TOTAL-NESTOW	2 463			1 653	895	758		27 956	
NEVIS 039-22W4 EDMONTON D	1 280	0.50	0.05	608	547	61	37	2 283	13 126
BELLY RIVER C	1 851	0.65	0.05	1 143	765	378	37	13 986	13 380
VIKING A	631	0.80	0.10	455	377	78	38	2 962	1 939
LOWER MANNVILLE FF	590	0.80	0.10	425	32	393	38	15 052	150
DEVONIAN ASSOC		0.65	0.20				35		6 364
DEVONIAN ASSOC		0.65	0.20				35		13 051
D-2 C		0.75	0.15				33		128
DEVONIAN & D-2 C TOTAL	33 723	0.65	0.20	17 536	17 388	148			
OTHER	7 471			4 534	1 528	3 006		113 702	
TOTAL-NEVIS	45 546			24 701	20 637	4 064		147 985	
NEW NORWAY 045-21W4 TOTAL-NEW NORWAY	1 009			449	160	289		10 532	
NEWBROOK 062-20W4 UPPER MANNVILLE C	781	0.80	0.05	594	458	136	38	5 141	782
OTHER	3 631			2 230	1 186	1 044		39 314	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.12	0.218	0.60	3 200	32	0.946	0.56	661.7	1980	1996	TALISMA CNRL PANALTA MATERIAL BALANCE
2.26	0.290	0.65	2 500	16	0.949	0.57	384.5	1952	1992	PRODUCTION DECLINE
4.30	0.300	0.60	2 560	15	0.948	0.57	407.9	1952	1992	PRODUCTION DECLINE ASSIGNED WELL 11-16-059-04W4M
1.62	0.293	0.70	2 500	18	0.951	0.57	410.5	1952	1992	PRODUCTION DECLINE
1.73	0.302	0.65	2 560	18	0.949	0.57	421.7	1952	1992	PRODUCTION DECLINE CRESTAR DIRECT PANALTA
3.36	0.204	0.65	8 550	41	0.852	0.66	1 105.3	1982	1996	PANCDN AMOCO TCPL
3.76	0.226	0.70	5 850	38	0.905	0.61	882.3	1952	1996	RENENER CANOR CNRL TCPL SLUSH OIL
6.22	0.270	0.60	640	22	0.988	0.56	314.2	1979	1998	CRESTAR BLUERGE CANOR CNRL CDNFRST IOL PANALTA TCPL APACHE PANCDN PART OF EDMONTON POOL NO.1 PRODUCTION DECLINE
5.53	0.246	0.50	2 020	21	0.961	0.56	477.6	1977	1997	BLUERGE CNRL POCO PANALTA TCPL APACHE PANCDN PART OF BR POOL NO.1
1.77	0.139	0.60	7 370	47	0.881	0.63	1 287.2	1981	1997	CONWEST MARATHN CNRL PANALTA GULF CANST PIONEER PRODUCTION DECLINE
18.00	0.230	0.95	9 710	52	0.849	0.67	1 425.0	1995	1995	PROGAS CNRL
18.40	0.062	0.80	16 140	59	0.822	0.76	1 678.9	1952	1997	PRODUCTION DECLINE OIL DEPLETED
21.56	0.084	0.85	16 100	61	0.826	0.76	1 683.7	1952	1997	PRODUCTION DECLINE OIL DEPLETED
1.10	0.100	0.85	11 630	58	0.872	0.71	1 593.8	1995	1996	PRODUCTION DECLINE
								1952	1998	BEAU CNRL AMOCO GULF PIONEER TCPL OIL DEPLETED
4.93	0.288	0.75	3 730	23	0.926	0.58	576.9	1975	1995	CNRL PANALTA TCPL AMOCO PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
NEWBROOK 062-20W4 (CONTINUED)									
TOTAL-NEWBROOK	4 412			2 824	1 644	1 180		44 455	
NEWBY 081-05W4									
MCMURRAY B	3 650	0.80	0.05	2 774	2 300	474	37	17 604	11 155
MCMURRAY G	837	0.50	0.05	398	110	288	37	10 581	4 397
MCMURRAY J	481	0.80	0.05	366	360	6	37	223	2 963
MCMURRAY P	837	0.65	0.05	517	500	17	37	635	3 766
MCMURRAY T	1 062	0.50	0.05	504	210	294	37	10 852	6 928
OTHER	5 420			2 579	1 563	1 016		37 480	
TOTAL-NEWBY	12 287			7 138	5 043	2 095		77 375	
NEWELL 017-14W4									
MILK RIVER A	1 259	0.80	0.05	957			36		10 526
MEDICINE HAT A	116	0.70	0.03	79			36		3 783
MEDICINE HAT C	112	0.50	0.03	54			36		2 447
MEDICINE HAT D	38	0.50	0.03	18			36		1 377
SE ALTA GAS SYS (MU) TOTAL	1 525	0.75	0.05	1 108	809	299	36	10 905	
OTHER	90			61	41	20		742	
TOTAL-NEWELL	1 615			1 169	850	319		11 647	
NEWTON 058-03W5									
TOTAL-NEWTON	413			285	55	230		8 775	
NIOBE 035-27W4									
TOTAL-NIOBE	16			9		9		350	
NIPIN 074-21W4									
TOTAL-NIPIN	26			16		16		597	
NIPISI 079-08W5									
GILWOOD A SOLN	7 963	0.51	0.40	2 437 ^b			39		
GILWOOD A ASSOC		0.60	0.40		1 945 ^b	492	39	19 134	
OTHER	609			277	63	214		7 680	
TOTAL-NIPISI	8 572			2 714	2 008	706		26 814	
NITON 054-11W5									
BASAL QUARTZ A SOLN	2	0.65	0.10	1 ^b			41		
BASAL QUARTZ A ASSOC	1 309	0.75	0.10	884 ^b	480 ^b	405	41	16 403	3 284
BASAL QUARTZ O	406	0.90	0.15	310	26	284	40	11 468	400
BASAL QUARTZ P	417	0.90	0.10	338		338	40	13 618	150
ROCK CREEK A ASSOC		0.80	0.10				40		2 345
BSL QTZ I & ROCK CK A TOTAL	1 945	0.85	0.10	1 488 ^b	1 440 ^b	48	40	1 918	
ROCK CREEK F SOLN	791	0.24	0.30	133 ^b			40		
ROCK CREEK F ASSOC	8 944	0.90	0.10	7 245 ^b	6 314 ^b	1 064	40	42 847	14 286
ROCK CREEK N SOLN	100	0.25	0.62	10 ^b			41		
ROCK CREEK N ASSOC	453	0.85	0.15	327 ^b	299 ^b	38	41	1 540	615
OTHER	2 357			1 619	442	1 177		46 945	
TOTAL-NITON	16 724			12 355	9 001	3 354		134 739	
NIXON 072-16W4									
LOWER MANNVILLE E	1 211	0.70	0.05	806	503	303	37	11 244	21 526
LOWER MANNVILLE M	33	0.65	0.05	20			36		200
GROSMONT A	3 800	0.50	0.05	1 805			37		33 485
L MANN M & GROSMONT A TOTAL	3 833	0.50	0.05	1 825	1 756	69	37	2 552	
OTHER	727			372	181	191		7 085	
TOTAL-NIXON	5 771			3 003	2 440	563		20 881	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
10.01	0.290	0.75	1 660	8	0.963	0.56	212.2	1978	1998	TCPL QUEBEC MARATHN UNPACF WASCANA IOL CANOXY CANST PARAMNT PANALTA PRODUCTION DECLINE
8.67	0.257	0.70	1 170	7	0.974	0.57	215.3	1984	1998	PARAMNT WASCANA RIOALTO CANOXY IOL ULSTER
5.19	0.307	0.75	1 350	13	0.972	0.56	232.6	1989	1994	MARATHN WASCANA PARAMNT PRODUCTION DECLINE
6.80	0.286	0.70	1 440	8	0.968	0.56	208.7	1979	1995	MARATHN WASCANA CANOXY TCPL PARAMNT MATERIAL BALANCE
8.01	0.293	0.75	860	13	0.982	0.57	185.0	1988	1996	CDNFRST RIOALTO TCPL
10.88	0.154	0.55	3 140	16	0.938	0.56	352.4	1910	1987	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
0.71	0.170	0.55	4 310	17	0.916	0.56	447.7	1904	1989	PART OF MED HAT POOL NO.1
1.16	0.139	0.60	4 450	19	0.916	0.56	470.0	1973	1988	PART OF MED HAT POOL NO.3
0.70	0.139	0.60	4 450	19	0.916	0.56	487.9	1973	1987	PART OF MED HAT POOL NO.4
								1904	1988	CRESTAR POCO PANCDN PANALTA TCPL
						0.85		1965	1992	TCPL PCOG RIGEL UNPACF POCO GAS BREAKTHRU, GPP
						0.85		1965	1992	TCPL PCOG RIGEL UNPACF POCO GAS BREAKTHRU, GPP
2.53	0.137	0.70	16 060	71	0.808	0.72	1 936.2	1964	1996	ENGAGE CRESTAR IOL CNWE TCPL CONCURRENT PRODUCTION DEPL
5.12	0.149	0.70	17 210	67	0.758	0.82	2 002.1	1978	1995	ENGAGE CRESTAR IOL CNWE TCPL CONCURRENT PRODUCTION DEPL
5.50	0.300	0.85	19 670	69	0.825	0.70	1 903.5	1976	1998	CRESTAR CONWEST AEL ENRMARK DIRECT
5.39	0.129	0.75	16 140	76	0.842	0.69	1 847.0	1980	1991	TCPL
						0.74		1980	1997	MATERIAL BALANCE CONCURRENT PRODUCTION AEL POCO CDNFRST ALTROAN ULSTER ENGAGE
								1980	1997	DIRECT MOBIL CRESTAR CONCURRENT PRODUCTION PROGAS AEL POCO MOBIL CRESTAR IOL ENGAGE
4.21	0.142	0.65	16 200	77	0.817	0.74	1 920.2	1965	1998	CNWE TCPL DIRECT PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.74		1987	1997	PROGAS AEL POCO MOBIL CRESTAR IOL ENGAGE CNWE TCPL DIRECT PRODUCTION DECLINE CONCURRENT PRODUCTION
3.92	0.132	0.75	15 780	75	0.812	0.74	1 793.9	1987	1997	ENGAGE POCO PRODUCTION DECLINE CONCURRENT PRODUCTION
										ENGAGE POCO PRODUCTION DECLINE CONCURRENT PRODUCTION
2.37	0.269	0.40	2 210	24	0.959	0.57	451.3	1969	1996	TCPL AEL TALISMA
3.30	0.280	0.65	2 670	18	0.948	0.58	422.0	1986	1998	
9.60	0.112	0.75	2 260	18	0.955	0.57	461.8	1969	1997	PRODUCTION DECLINE
								1969	1998	TCPL AEL TALISMA

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY FRAC	SURFACE LOSS FRAC	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
NORDEGG 041-17W5									
TRIASSIC A		0.85	0.05				37		1 192
RUNDLE A		0.55	0.05				38		746
TRIASSIC A & RUNDLE A TOTAL	1 120	0.55	0.05	585	493	92	38	3 454	
TOTAL-NORDEGG	1 120			585	493	92		3 454	
NORMANDVILLE 078-21W5									
MISSISSIPPIAN A	553	0.90	0.10	448			38		743
MISSISSIPPIAN C	134	0.75	0.10	91			38		206
MISSISSIPPIAN D	310	0.85	0.10	238			38		283
MISSISSIPPIAN A,C & D TOTAL	997	0.85	0.10	777	700	77	38	2 915	
MISSISSIPPIAN K	224	0.80	0.10	161			37		200
MISSISSIPPIAN L	164	0.80	0.10	118			37		200
MISSISSIPPIAN O	113	0.75	0.10	77			37		200
MISSISSIPPIAN K,L & O TOTAL	501	0.80	0.10	356	36	320	37	11 885	
OTHER	1 423			891	246	645		23 978	
TOTAL-NORMANDVILLE	2 921			2 024	982	1 042		38 778	
NORRIS 053-18W4									
MIDDLE VIKING A	433	0.75	0.05	309			37		7 834
UPPER MANNVILLE Y	289	0.70	0.05	192			37		2 904
UPPER MANNVILLE RR	19	0.70	0.05	12			38		128
MID VIK A,U MN Y&RR TOTAL	741	0.75	0.05	513	105	408	37	15 059	
LOWER VIKING A	567	0.75	0.10	383		383	38	14 554	6 441
OTHER	2 732			1 686	1 018	668		25 080	
TOTAL-NORRIS	4 040			2 582	1 123	1 459		54 693	
NORTH STAR 090-22W5									
BLUESKY-DEBOLT A	540	0.85	0.10	413	94	319	38	12 014	1 203
OTHER	293			200	48	152		5 698	
TOTAL-NORTH STAR	833			613	142	471		17 712	
NORTH VALLEY 022-04W5									
RUNDLE A	2 813	0.70	0.20	1 575	138	1 437	40	56 977	1 786
TOTAL-NORTH VALLEY	2 813			1 575	138	1 437		56 977	
NORTHVILLE 052-10W5									
JURASSIC D	483	0.85	0.10	370	238	132	40	5 271	2 472
OTHER	761			503	303	200		8 034	
TOTAL-NORTHVILLE	1 244			873	541	332		13 305	
NOSEHILL 055-20W5									
TOTAL-NOSEHILL	272			182	45	137		4 947	
O'CHIESE 045-10W5									
OSTRACOD A	1 431	0.70	0.10	902	606	296	40	11 825	5 765
ELLERSLIE A	479	0.85	0.10	366	8	358	40	14 256	823
OTHER	374			254	12	242		9 860	
TOTAL-O'CHIESE	2 284			1 522	626	896		35 941	
OAK 083-06W6									
TOTAL-OAK	367			255	8	247		8 819	
OBED 054-23W5									
D-2 A	4 638	0.40	0.40	1 113	1 002	111	37	4 159	1 541
D-2 B	555	0.85	0.35	307			37		200
D-3 A	6 073	0.15	0.50	456			37		881
D-2 B & D-3 A TOTAL	6 628	0.20	0.45	763	457	306	37	11 441	
OTHER	570			271	13	258		10 116	
TOTAL-OBED	11 836			2 147	1 472	675		25 716	
OBERLIN 038-21W4									
MANNVILLE E	700	0.90	0.10	567	518	49	39	1 911	150
OTHER	280			181	100	81		3 121	
TOTAL-OBERLIN	980			748	618	130		5 032	
OGSTON 089-10W5									
TOTAL-OGSTON	82			47	31	16		593	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.84 10.42	0.056 0.046	0.85 0.85	12 620 12 690	48 48	0.866 0.836	0.57 0.63	1 489.5 1 492.9	1960 1960 1960	1998 1998 1998	PRODUCTION DECLINE PRODUCTION DECLINE PROGAS
4.11 5.62 5.49	0.231 0.174 0.240	0.65 0.60 0.65	10 710 10 170 11 380	36 40 38	0.817 0.832 0.815	0.64 0.64 0.64	1 050.4 1 066.9 1 088.6	1956 1949 1956 1949	1991 1994 1991 1994	
6.20 5.00 6.70	0.220 0.200 0.150	0.70 0.65 0.65	10 720 11 500 8 190	40 41 40	0.831 0.826 0.860	0.65 0.65 0.65	1 069.6 1 088.5 1 053.2	1978 1978 1978	1996 1996 1995	PROGAS
0.77 1.13 1.80	0.250 0.297 0.240	0.60 0.55 0.65	4 590 5 190 5 110	27 29 29	0.910 0.907 0.904	0.62 0.60 0.59	677.7 737.0 727.7	1977 1977 1978 1977	1995 1995 1995 1995	NONCOMMERCIAL OIL SIGNALT PANCDN PANALTA BEAU AMOCO POCO TCPL PANALTA UNPACF POCO CDNFRST TCPL AMOCO NONCOMMERCIAL OIL
1.13	0.271	0.55	4 960	28	0.897	0.63	714.5	1972	1996	
5.63	0.249	0.70	4 340	21	0.917	0.60	459.8	1990	1992	PANALTA PROGAS
12.14	0.064	0.80	29 350	85	0.920	0.73	3 426.5	1984	1995	PENWEST PANCDN PROGAS TCPL TOP/BASE TVD
3.14	0.114	0.70	17 300	76	0.830	0.71	1 979.7	1981	1998	PROGAS CNRL AMOCO MATERIAL BALANCE
1.64 3.51	0.141 0.122	0.80 0.70	20 790 20 790	85 84	0.851 0.853	0.74 0.73	2 405.3 2 350.6	1995 1995	1997 1998	CRESTAR GARDNER PROGAS POCO PRODUCTION DECLINE GARDNER POCO
22.19 20.00 39.22	0.065 0.060 0.070	0.80 0.80 0.90	38 470 37 600 38 760	135 110 136	0.995 0.966 0.966	0.77 0.77 0.83	4 008.3 3 996.5 4 080.3	1964 1988 1985 1985	1997 1994 1995 1996	TCPL PRODUCTION DECLINE DEEP CUT SL TOP/BASE TVD, DEEP CUT SL DEEP CUT SL TCPL DEEP CUT SL
8.80	0.160	0.65	10 070	54	0.838	0.67	1 315.9	1967	1995	PANALTA TCPL MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
OKOTOKS 021-28W4 WABAMUN B	18 937	0.65	0.54	5 662	4 914	748	37	27 676	20 433
OTHER	1 310			698	107	591		22 697	
TOTAL-OKOTOKS	20 247			6 360	5 021	1 339		50 373	
OLDMAN 055-21W5 BLSK 16-056-21 TRIASSIC A	441	0.85	0.10	338		338	39	13 121	200
	1 541	0.80	0.10	1 110	957	153	39	5 894	3 436
OTHER	545			406	129	277		10 685	
TOTAL-OLDMAN	2 527			1 854	1 086	768		29 700	
OMEGA 046-01W4 TOTAL-OMEGA	693			450	300	150		4 980	
ORION 007-07W4 TOTAL-ORION	311			228	84	144		5 266	
OSBORN 089-07W6 TOTAL-OSBORN	390			246	139	107		4 078	
OTTER 088-11W5 TOTAL-OTTER	403			144	12	132		5 204	
OWLSEYE 059-10W4 TOTAL-OWLSEYE	1 001			611	339	272		10 137	
OYEN 029-05W4 BELLY RIVER D	837	0.65	0.05	517	388	129	37	4 738	4 410
VIKING C	469	0.80	0.05	356	344	12	36	437	200
VIKING A	732	0.60	0.05	417			37		4 323
DETRITAL C	342	0.50	0.05	162			37		757
VIKING A & DETRITAL C TOTAL	1 074	0.55	0.05	579	573	6	37	222	
OTHER	2 096			1 326	738	588		21 302	
TOTAL-OYEN	4 476			2 778	2 043	735		26 699	
PADDLE RIVER 057-08W5 JURASSIC-DETR-RUND ASSOC JURASSIC-DETR-RUND ASSOC JURASSIC-DETR-RUND ASSOC JURASSIC DETRITAL&RU ASSOC		0.70 0.70 0.70 0.70	0.12 0.12 0.12 0.12				40 40 40 40		16 124 743 903 4 408
JURASSIC-DETR-RUND TOTAL	12 824	0.70	0.10	7 900 ^b	7 238 ^b	662	40	26 626	
OTHER	986			629	109	520		20 413	
TOTAL-PADDLE RIVER	13 810			8 529	7 347	1 182		47 039	
PAGEANT 018-21W4 TOTAL-PAGEANT	1 384			943	321	622		23 670	
PAKOWKI LAKE 004-06W4 BOW ISLAND A	549	0.75	0.05	391	388	3	34	103	6 888
OTHER	874			651	421	230		8 283	
TOTAL-PAKOWKI LAKE	1 423			1 042	809	233		8 386	
PANNY 095-05W5 TOTAL-PANNY	1 293			625	315	310		11 811	
PANTHER RIVER 030-10W5 RUNDLE A RUNDLE B RUNDLE D TV 36-029-11 OTHER	1 044 744 2 271 645 808	0.55 0.70 0.55 0.65	0.15 0.20 0.30 0.25	488 417 874 314 550	228 142 498 162	260 275 376 314 388	37 37 37 37	9 581 10 288 14 077 11 766 14 558	200 200 531 200
TOTAL-PANTHER RIVER	5 512			2 643	1 030	1 613		60 270	
PARADISE 047-02W4 TOTAL-PARADISE	99			67	37	30		1 026	
PARFLESH 025-22W4 TOTAL-PARFLESH	2 018			1 268	310	958		36 659	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
10.04	0.042	0.80	24 800	80	0.727	0.91	2 649.3	1951	1995	CANOXY ENGAGE CRESTAR GARDNER TCPL PANALTA CWNGNUL PRODUCTION DECLINE DEEP CUT SL
16.10 3.94	0.100 0.139	0.65 0.80	24 500 24 820	89 106	0.914 0.943	0.65 0.66	2 843.0 2 932.7	1995 1977	1996 1998	POCO PROGAS POCO ENRMARK UNPACF MOBIL CNWE CNFRST PROGAS DIRECT TCPL AMOCO PRODUCTION DECLINE
3.94	0.330	0.60	1 610	12	0.966	0.57	250.0	1951	1998	CRESTAR ENCAL TCPL PANALTA PROGAS PRODUCTION DECLINE
5.20	0.290	0.60	6 670	29	0.888	0.59	784.9	1951	1995	CRESTAR TCPL PRODUCTION DECLINE
2.07	0.275	0.55	6 670	34	0.895	0.58	765.2	1963	1996	PRODUCTION DECLINE
2.77	0.285	0.65	8 200	34	0.870	0.58	873.0	1963	1996	PRODUCTION DECLINE
								1963	1996	CRESTAR CANST TCPL IOL
6.42	0.152	0.50	12 230	60	0.822	0.69	1 528.8	1957	1987	PRODUCTION DECLINE GPP
4.19	0.145	0.35	12 230	60	0.822	0.69	1 528.2	1957	1987	PRODUCTION DECLINE
2.72	0.145	0.35	12 230	60	0.822	0.69	1 458.0	1957	1987	PRODUCTION DECLINE
4.38	0.076	0.60	12 240	55	0.813	0.70	1 548.9	1957	1991	PRODUCTION DECLINE CONCURRENT PRODUCTION, OIL DEPLETED
								1957	1987	CANOXY CWNGNUL CRESTAR GPP
1.27	0.252	0.70	5 540	27	0.913	0.59	667.8	1955	1997	CRESTAR IOL CMG PRODUCTION DECLINE
35.00	0.060	0.85	36 700	78	1.018	0.67	3 936.6	1958	1998	SHELL PRODUCTION DECLINE
48.00	0.040	0.85	30 640	114	0.988	0.67	4 556.5	1973	1998	SHELL PRODUCTION DECLINE TOP/BASE TVD
34.49	0.050	0.85	34 780	102	0.981	0.75	4 550.1	1978	1998	SHELL PRODUCTION DECLINE TOP/BASE TVD
35.30	0.040	0.85	36 060	105	1.010	0.71	4 708.4	1980	1998	SHELL TOP/BASE TVD

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
PARKER 070-05W5 TOTAL-PARKER	448			264	143	121		4 670	
PARKLAND 015-28W4 TOTAL-PARKLAND	60			36	36				
PARKLAND NORTHEAST 015-27W4									
GLAUCONITIC A	789	0.85	0.10	604	334	270	39	10 600	1 303
GLAUCONITIC B	1 259	0.85	0.15	910	419	491	39	19 380	921
OTHER	1 665			1 200	476	724		28 344	
TOTAL-PARKLAND NORTHEAST	3 713			2 714	1 229	1 485		58 324	
PAXON 065-21W4 TOTAL-PAXON	135			75	66	9		337	
PEACOCK 014-27W4 TOTAL-PEACOCK	206			140	116	24		927	
PEARL 030-16W4 TOTAL-PEARL	148			98	52	46		1 782	
PEAVEY 057-24W4 TOTAL-PEAVEY	594			376	306	70		2 702	
PECO 047-15W5 GETHING A	6 471	0.70	0.20	3 624	2 157	1 467	41	60 763	10 135
NISKU A	988	0.85	0.10	756	621	135	38	5 152	128
NISKU B	1 650	0.65	0.10	966	138	828	39	31 878	200
OTHER	3 419			2 100	622	1 478		59 529	
TOTAL-PECO	12 528			7 446	3 538	3 908		157 322	
PEDIGREE 100-12W6 BLUESKY-MONTNEY A	5 075	0.75	0.10	3 427	1 370	2 057	42a	86 415	6 300
TOTAL-PEDIGREE	5 075			3 427	1 370	2 057		86 415	
PEERLESS 079-22W4 TOTAL-PEERLESS	79			50		50		1 867	
PEIGAN 008-08W4 TOTAL-PEIGAN	114			86	46	40		1 436	
PELICAN 079-24W4 TOTAL-PELICAN	2 215			1 417	774	643		23 959	
PEMBINA 048-07W5									
BELLY RIVER A	879	0.80	0.05	668	664	4	38	153	1 966
BELLY RIVER SS	497	0.75	0.05	354	105	249	38	9 539	2 036
BELLY RIVER ZZ	573	0.75	0.10	387	368	19	38	723	1 022
BELLY RIVER C ASSOC	42	0.65	0.10	24b			38		277
BELLY RIVER C SOLN	4 627	0.33	0.29	1 084b			38		
BELLY RIVER C ASSOC	20	0.70	0.10	13b			40		64
BELLY RIVER C	4	0.70	0.10	3b			39		64
BELLY RIVER C.O & H3H TOTAL	4 693	0.35	0.30	1 124b	917b	207	38	7 885	
BELLY RIVER A2A SOLN	57	0.65	0.35	24b			39		
BELLY RIVER A2A ASSOC	1 010	0.80	0.10	727b	597b	154	39	6 058	2 341
CARDIUM SOLN	251 333	0.15	0.48	19 604	16 178	3 426	40	138 479	
CARDIUM Z	676	0.90	0.10	547	138	409	40	16 217	2 466
GLAUCONITIC A	2 130	0.80	0.10	1 534			40		4 117
GLAUCONITIC A	445	0.80	0.10	320			40		372
GLAUCONITIC A	1 568	0.80	0.10	1 129			40		2 300
GLAUCONITIC A	254	0.75	0.10	172			40		300
GLAUCONITIC A	1 390	0.80	0.10	1 001			40		1 950
GLAUCONITIC A	429	0.80	0.10	309			40		1 709
GLAUCONITIC A		0.75	0.10				40		50

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
6.13 8.69	0.101 0.131	0.65 0.70	15 040 14 480	65 58	0.841 0.814	0.65 0.73	2 294.0 2 041.8	1976 1990	1997 1998	CRESTAR PROGAS PANALTA TCPL CRESTAR PROGAS PRODUCTION DECLINE
2.20 30.00 28.00	0.127 0.050 0.090	0.80 0.90 0.90	38 600 72 120 70 400	99 119 105	1.033 1.461 1.456	0.85 0.72 0.73	3 048.4 3 970.1 3 733.0	1971 1981 1996	1997 1995 1997	RIOALTO POCO NRTHSTR CONOCO TCPL IOL DEEP CUT SL TALISMA AMOCO DIRECT PRODUCTION DECLINE
10.34	0.161	0.45	5 820	36	0.881	0.64	973.7	1981	1997	CHEL PROGAS GULF
5.85 3.22 2.92	0.190 0.184 0.188	0.55 0.60 0.65	6 910 6 580 6 530	38 36 34	0.885 0.882 0.872	0.59 0.61 0.64	976.1 926.0 885.7	1956 1957 1973	1997 1998 1997	UNPACF CANOXY PRODUCTION DECLINE SLUSH OIL PANALTA CANOXY TALISMA POCO IOL TALISMA POCO CWNGNUL PRODUCTION DECLINE NONCOMMERCIAL OIL SOLN MU-BR C.O & H3H, GPP SOLN MU-BR C.O & H3H, GPP
1.96 2.74 0.70	0.177 0.220 0.190	0.55 0.60 0.60	7 630 7 740 7 410	39 36 34	0.868 0.823 0.837	0.62 0.62 0.68	1 048.1 968.2 903.7	1959 1959 1960 1960	1997 1997 1996 1993	ASSIGNED WELL 10-17-048-02W5M ENCAL UNPACF CANOXY CNFRST CHEL TALISMA POCO CWNGNUL GARDNER GPP POCO PCOG PARAMNT IOL AMOCO CONCURRENT PRODUCTION POCO PCOG PARAMNT IOL AMOCO CONCURRENT PRODUCTION
5.39	0.133	0.60	9 410	48	0.831	0.68	1 294.1	1978	1997	APACHE NRTHSTR CNRL GARDNER RIFE TCPL PANALTA CWNGNUL CNFRST POCO IOL TALISMA AMOCO CHEL CANOXY CNWE CRESTAR GPP PROGAS POCO RIGEL CNFRST CNRL
2.48 7.43 6.03 6.72	0.091 0.135 0.122 0.136	0.70 0.55 0.60 0.55	15 860 13 230 13 000 12 750	55 58 58 55	0.793 0.812 0.813 0.808	0.69 0.68 0.68 0.68	1 502.1 1 823.4 1 785.2 1 738.3	1961 1957 1957 1957	1998 1996 1996 1994	MATERIAL BALANCE MATERIAL BALANCE PRODUCTION DECLINE INCLUDES SEQ 007 RESERVES
6.10 6.76 6.53 8.84	0.155 0.119 0.123 0.150	0.70 0.60 0.60 0.70	12 540 13 520 12 920 12 970	62 58 61 62	0.831 0.810 0.820 0.815	0.67 0.68 0.68 0.69	1 745.1 1 762.8 1 914.8 1 738.3	1957 1957 1957 1957	1994 1994 1994 1994	MATERIAL BALANCE PRODUCTION DECLINE PRODUCTION DECLINE RES ON SEQ 003, AS WELL 6-36-50-7W5

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
PEMBINA 048-07W5 (CONTINUED)									
GLAUCONITIC A TOTAL	6 215	0.80	0.10	4 465	4 092	373	40	14 734	
GLAUCONITIC E		0.75	0.10				40		3 814
GLAUCONITIC G		0.75	0.10				40		1 804
GLAUCONITIC E & G TOTAL	5 520	0.75	0.05	3 933	3 551	382			
GLAUCONITIC I		0.70	0.06				40		5 920
GLAUCONITIC D		0.75	0.10				39		150
OSTRACOD C		0.75	0.10				40		1 663
GLC I, GLC D&OST C TOTAL	5 070	0.70	0.05	3 348	2 388	960	39	37 718	
OSTRACOD EE	531	0.85	0.10	406	130	276	41	11 181	2 220
ELLERSLIE II	1 441	0.85	0.10	1 103	263	840	40	33 365	3 094
JURASSIC YY	436	0.85	0.10	334	26	308	40	12 332	600
JURASSIC BBB	1 075	0.80	0.10	774	607	167	39	6 541	8 655
JURASSIC GGG	512	0.85	0.10	392	382	10	40	400	527
JURASSIC NNN	734	0.85	0.10	562	455	107	40	4 296	1 379
JURASSIC WWW	432	0.85	0.10	330	6	324	40	12 954	600
BANFF E	560	0.85	0.15	405	364	41	40	1 655	440
NISKU A SOLN	905	0.81	0.40	440 ^b			43		
NISKU A ASSOC		0.80	0.15		357 ^b	83	43	3 532	
NISKU D SOLN	700	0.80	0.15	476 ^b			43		
NISKU D ASSOC		0.80	0.15		-70 ^b	546	43	23 232	
NISKU L SOLN	620	0.82	0.20	406 ^b			43		
NISKU L ASSOC		0.85	0.15		-336 ^b	742	43	31 572	
NISKU P SOLN	791	0.81	0.25	481 ^b			43		
NISKU P ASSOC		0.85	0.25		-312 ^b	793	43	33 742	
NISKU BB	873	0.90	0.45	432	54	378	40	15 056	200
NISKU DD	709	0.85	0.20	482	13	469	38	17 925	200
OTHER	31 240			18 394	5 404	12 990		519 863	
TOTAL-PEMBINA	318 082			60 598	36 341	24 257		959 152	
PENDANT D'OREILLE 004-09W4									
BOW ISLAND B	451	0.80	0.05	343	333	10	35	352	4 557
BOW ISLAND		0.65	0.05				35		17 561
BOW ISLAND F		0.85	0.05				35		8 776
BOW ISLAND G		0.85	0.05				35		970
BOW ISLAND H		0.85	0.05				35		1 926
BOW ISLAND J		0.85	0.05				35		200
BOW ISL & BI FGH&J TOTAL	5 201	0.85	0.05	4 200	3 858	342	35	11 949	
MANNVILLE A	1 240	0.85	0.05	1 001	976	25	37	924	2 108
MANNVILLE C	1 306	0.85	0.05	1 055	1 034	21	37	775	1 417
MANNVILLE H	454	0.75	0.05	324	199	125	37	4 618	751
OTHER	957			627	501	126		4 337	
TOTAL-PENDANT D'OREILLE	9 609			7 550	6 901	649		22 955	
PENHOLD 036-27W4									
LOWER MANNVILLE B	819	0.85	0.10	626	585	41	40	1 639	648
LOWER MANNVILLE E ASSOC	683	0.80	0.10	491 ^b			40		2 515
LOWER MANNVILLE E SOLN	27	0.65	0.10	16 ^b			40		
LOWER MANNVILLE H	19	0.75	0.10	13 ^b			40		150
L MANN E & H TOTAL	729	0.80	0.10	520 ^b	335 ^b	185	40	7 330	
OTHER	2 207			1 375	357	1 018		39 829	
TOTAL-PENHOLD	3 755			2 521	1 277	1 244		48 798	
PENNY 008-22W4									
TOTAL-PENNY	647			342	131	211		7 396	
PEORIA 076-02W6									
TOTAL-PEORIA	749			494		494		17 232	
PERRYVALE 064-23W4									
TOTAL-PERRYVALE	282			190	11	179		6 767	
PETER 072-01W5									
TOTAL-PETER	1 016			603	362	241		9 021	
PETITOT 121-11W6									
TOTAL-PETITOT	386			258	23	235		8 798	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
								1957	1994	AEL PCOG RIGEL UNPACF CANOXY PANALTA HUSKY CWNGNUL AMOCO PROGAS
8.66	0.137	0.65	13 600	57	0.800	0.70	1 699.0	1960	1995	MATERIAL BALANCE
4.70	0.137	0.65	13 650	57	0.800	0.70	1 686.9	1960	1995	MATERIAL BALANCE
								1960	1995	TCPL UNPACF WASCANA TALISMA CANST CWNGNUL AMOCO PANALTA
7.57	0.128	0.55	14 860	59	0.813	0.68	1 854.9	1958	1998	PART OF GLAUC POOL NO.5 PRODUCTION DECLINE
8.07	0.140	0.60	12 760	60	0.833	0.67	1 846.4	1960	1998	PART OF GLAUC POOL NO.5 PRODUCTION DECLINE
1.79	0.130	0.70	15 870	62	0.811	0.69	1 882.2	1970	1998	PART OF GLAUC POOL NO.5 PRODUCTION DECLINE
								1958	1998	AEL CANOXY CDNFRST AMOCO PROGAS PART OF GLAUC POOL NO.5
1.62	0.106	0.70	20 490	77	0.837	0.72	2 408.9	1995	1998	
2.69	0.131	0.65	20 430	73	0.826	0.75	1 926.5	1978	1998	PROGAS POCO NONCOMMERCIAL OIL
4.90	0.113	0.75	18 240	78	0.845	0.69	2 268.0	1980	1998	AEL PCOG TALISMA PROGAS
3.64	0.094	0.65	20 580	93	0.887	0.69	2 230.4	1981	1998	POCO PANALTA PROGAS PRODUCTION DECLINE
2.65	0.154	0.80	15 610	62	0.808	0.72	1 786.3	1990	1997	GULF CANST CNWE PROGAS PRODUCTION DECLINE SLUSH OIL
2.16	0.161	0.65	15 760	67	0.831	0.69	1 846.9	1995	1998	PROGAS GULF APACHE PRODUCTION DECLINE
5.43	0.107	0.70	18 420	77	0.846	0.68	2 338.8	1989	1998	
4.20	0.140	0.75	15 380	86	0.852	0.72	1 877.9	1985	1997	PROGAS TALISMA PRODUCTION DECLINE
						0.80		1977	1998	CHEVRON GPP
						0.80		1977	1998	CHEVRON GPP
						0.80		1978	1988	AEL CHEVRON IOL CANOXY AMOCO GPP
						0.80		1978	1988	AEL CHEVRON IOL CANOXY AMOCO GPP
						0.80		1978	1986	POCO IOL GPP
						0.80		1978	1986	POCO IOL GPP
						0.80		1979	1987	ENRMARK GPP
						0.80		1979	1987	ENRMARK GPP
17.90	0.100	0.90	25 420	88	0.739	1.08	2 865.3	1992	1994	TALISMA
14.30	0.100	0.90	33 070	85	0.954	0.73	2 823.5	1991	1995	AEL PCOG
1.26	0.244	0.75	5 100	26	0.915	0.58	654.3	1954	1996	CMG CRESTAR PRODUCTION DECLINE
2.32	0.251	0.70	4 670	25	0.922	0.58	620.8	1946	1983	MATERIAL BALANCE
1.64	0.209	0.55	4 950	27	0.919	0.58	675.8	1946	1989	MATERIAL BALANCE
1.34	0.200	0.65	4 850	25	0.913	0.58	635.7	1946	1983	MATERIAL BALANCE
1.37	0.240	0.55	4 850	26	0.913	0.58	653.4	1946	1983	MATERIAL BALANCE
2.10	0.209	0.70	5 030	24	0.914	0.58	669.5	1957	1983	MATERIAL BALANCE
								1946	1983	CRESTAR IOL CMG
6.32	0.210	0.60	7 930	32	0.876	0.57	837.8	1961	1998	CRESTAR CMG MATERIAL BALANCE
7.53	0.221	0.75	5 930	32	0.905	0.57	817.9	1965	1995	CMG PRODUCTION DECLINE
5.38	0.188	0.70	7 940	30	0.872	0.57	867.6	1971	1988	CRESTAR CMG
10.15	0.131	0.85	15 020	73	0.811	0.75	1 898.4	1971	1996	CDNFRST CNRL BLUERGE PRODUCTION DECLINE SLUSH OIL
1.86	0.134	0.75	14 700	75	0.827	0.72	1 889.9	1985	1992	GPP
						0.72		1985	1992	GPP
1.20	0.120	0.65	14 000	79	0.827	0.75	1 893.4	1985	1990	
								1985	1992	BEAU CNRL CDNFRST ENGAGE TCPL BLUERGE GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
PHILOMENA 071-10W4 GRAND RAPIDS C	720	0.50	0.05	342	295	47	37	1 736	3 925
OTHER	742			373	237	136		5 037	
TOTAL-PHILOMENA	1 462			715	532	183		6 773	
PHILP 002-12W4 TOTAL-PHILP	345			245	66	179		6 544	
PHOENIX 039-10W5 TOTAL-PHOENIX	200			115	67	48		1 956	
PICA 084-05W6 CHARLIE LAKE A	442	0.85	0.05	357	311	46	38	1 751	675
OTHER	683			480	215	265		9 978	
TOTAL-PICA	1 125			837	526	311		11 729	
PINCHER CREEK 004-29W4 RUNDLE A	44 710	0.30	0.29	9 523	9 508	15	39	582	5 666
RUNDLE B	575	0.85	0.20	391	130	261	38	9 861	200
RUNDLE C	1 532	0.85	0.20	1 042	39	1 003	38	37 863	200
TOTAL-PINCHER CREEK	46 817			10 956	9 677	1 279		48 306	
PINE CREEK 057-19W5 CARDIUM H SOLN	1 019	0.65	0.15	563			37		
CARDIUM H & I TOTAL	1 019	0.65	0.15	563	527	36	37	1 343	
BLUESKY D	1 345	0.70	0.15	801	165	636	42	26 610	1 234
BLUESKY A		0.75	0.15				41		6 634
GETHING A		0.75	0.10				40		150
GETHING D	68	0.70	0.10	43			39		300
GETHING E	278	0.75	0.10	188			42		150
GETHING F	138	0.75	0.10	94			40		150
CADOMIN A	285	0.75	0.15	182			40		150
BLSK A, GE ADEF&CDM A TOTAL	5 675	0.75	0.10	3 818	2 680	1 138	41	46 408	
NORDEGG A		0.75	0.15				39		11 140
TRIASSIC A		0.75	0.10				38		3 389
NORDEGG A & TRIASSIC TOTAL	7 671	0.75	0.15	4 816	3 954	862	39	33 437	
ELKTON A	684	0.85	0.15	494	466	28	38	1 071	400
WABAMUN	2 936	0.87	0.42	1 481	1 417	64	38	2 429	1 622
WABAMUN B	7 511	0.90	0.39	4 124	4 053	71	38	2 691	3 803
WABAMUN C	4 400	0.90	0.32	2 693	2 332	361	38	13 682	663
D-3	23 429	0.35	0.35	5 330	5 275	55	37	2 045	3 936
D-3 D	8 991	0.35	0.25	2 360	2 223	137	37	5 061	1 545
BEAVERHILL LAKE A	620	0.80	0.35	322	60	262	38	9 930	200
OTHER	5 451			3 338	994	2 344		91 529	
TOTAL-PINE CREEK	69 732			30 140	24 146	5 994		236 236	
PINEDALE 054-16W4 TOTAL-PINEDALE	245			156	52	104		3 881	
PINEHURST 066-10W4 TOTAL-PINEHURST	259			147	63	84		3 112	
PINGEL 081-07W6 TOTAL-PINGEL	138			99	40	59		2 245	
PLACID 060-23W5 TOTAL-PLACID	128			86	7	79		3 169	
PLAIN 053-12W4 UPPER MANNVILLE F	627	0.75	0.05	447	412	35	37	1 296	824
UPPER MANNVILLE TT	505	0.65	0.05	312	291	21	37	773	150
UPPER MANNVILLE A		0.65	0.05				38		1 028
COLONY A		0.65	0.05				37		3 097
SPARKY A		0.65	0.05				37		1 191
U MN A, COL A&SPKY A TOTAL	1 692	0.65	0.05	1 045	829	216	38	8 128	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.41	0.309	0.65	1 760	14	0.964	0.56	292.3	1978	1996	TALISMA RIOALTO QUEBEC AEC PRODUCTION DECLINE
2.36	0.199	0.80	8 510	36	0.865	0.58	1 006.6	1992	1997	PRODUCTION DECLINE
107.59	0.040	0.80	34 080	89	0.953	0.77	3 674.9	1948	1994	CRESTAR TCPL PRODUCTION DECLINE PREV GAS CYCLING, BLOWDOWN
24.14	0.050	0.85	36 330	95	1.001	0.69	4 282.5	1983	1994	MOBIL TOP/BASE TVD
40.50	0.080	0.85	35 230	93	0.984	0.70	4 218.4	1989	1994	MOBIL TOP/BASE TVD
7.99	0.091	0.75	20 200	84	0.805	0.81	2 332.7	1982	1995	SOLN MU-CARDIUM H & I GPP POCO CNRL ULSTER PANALTA TCPL TALISMA AMOCO GPP
6.82	0.101	0.75	21 460	94	0.820	0.87	2 582.9	1961	1995	TCPL PROGAS CANST PRODUCTION DECLINE
2.10	0.140	0.90	21 140	82	0.874	0.67	2 500.5	1985	1995	PRODUCTION DECLINE
2.55	0.104	0.60	16 120	89	0.888	0.65	2 541.3	1980	1994	
13.30	0.140	0.65	17 460	102	0.864	0.72	2 487.0	1988	1994	
5.50	0.150	0.70	16 750	83	0.840	0.72	2 557.8	1995	1998	TOP/BASE TVD
11.00	0.130	0.70	21 160	96	0.860	0.77	2 751.8	1991	1996	
4.46	0.102	0.75	23 650	97	0.930	0.64	2 707.9	1963	1997	GARDNER ULSTER PROGAS POCO ENRMARK PANALTA CHEL TALISMA
3.17	0.112	0.80	22 630	100	0.934	0.63	2 715.6	1974	1995	PRODUCTION DECLINE DEEP CUT SL PRODUCTION DECLINE TOP/BASE TVD, DEEP CUT SL
12.50	0.084	0.80	23 230	84	0.909	0.66	2 600.3	1968	1982	CHEVRON RIOALTO AEL POCO ENRMARK CANST CNRL TALISMA MOBIL PROGAS PANALTA TCPL IOL AMOCO DEEP CUT SL
3.75	0.040	0.50	29 790	99	0.832	0.84	3 018.7	1957	1998	CNRL TALISMA PANALTA
6.67	0.069	0.85	29 500	99	0.851	0.82	3 113.5	1956	1996	TALISMA AMOCO PROGAS MATERIAL BALANCE CNRL TALISMA AMOCO PROGAS PRODUCTION DECLINE
5.05	0.083	0.85	31 220	115	0.919	0.77	3 459.2	1958	1995	TALISMA AMOCO MATERIAL BALANCE
41.46	0.064	0.85	31 510	111	0.911	0.78	3 348.6	1957	1997	GULF TALISMA PRODUCTION DECLINE
49.06	0.050	0.90	31 907	116	0.959	0.71	3 260.2	1963	1996	TALISMA AMOCO PRODUCTION DECLINE
20.12	0.070	0.90	30 990	116	0.926	0.81	3 682.7	1994	1997	DEEP CUT SL
2.47	0.295	0.60	4 620	29	0.920	0.57	732.0	1968	1998	TCPL PRODUCTION DECLINE
3.05	0.280	0.60	4 590	30	0.922	0.58	714.4	1972	1998	TCPL PRODUCTION DECLINE
2.84	0.255	0.55	4 970	28	0.907	0.59	644.6	1952	1998	PRODUCTION DECLINE
1.92	0.271	0.65	4 790	24	0.909	0.58	608.2	1952	1998	PRODUCTION DECLINE
2.33	0.278	0.60	4 820	28	0.914	0.57	662.7	1952	1998	PRODUCTION DECLINE
								1952	1998	POCO PANCDN CWNGNUL TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
PLAIN 053-12W4 (CONTINUED)									
UPPER MANNVILLE H	79	0.65	0.05	48			37		996
UPPER MANNVILLE K	208	0.65	0.05	128			38		794
UPPER MANNVILLE L	10	0.70	0.05	7			38		150
UPPER MANNVILLE M	7	0.70	0.05	5			38		128
UPPER MANNVILLE YY	26	0.55	0.05	13			37		150
COLONY S	43	0.65	0.05	27			37		256
COLONY FF	92	0.65	0.05	57			38		150
COLONY WW	14	0.65	0.05	9			37		150
SPARKY B	338	0.70	0.03	230			37		1 745
UPPER MANN MU#1 TOTAL	817	0.65	0.05	524	347	177	37	6 636	
COLONY LL	386	0.85	0.05	312	304	8	37	299	540
COLONY B	270	0.75	0.05	193			38		1 953
COLONY C	81	0.75	0.05	58			38		150
LOWER MANNVILLE D		0.70	0.05				37		200
NISKU C		0.60	0.05				36		344
CLNY BC, LMN D & NIS C TOTAL	931	0.70	0.10	614	506	108			
CAMROSE A	1 011	0.75	0.05	720	492	228	37	8 511	4 617
OTHER	4 548			2 902	2 130	772		28 691	
TOTAL-PLAIN	10 517			6 876	5 311	1 565		54 334	
PLANTE 055-22W5									
TOTAL-PLANTE	359			244	27	217		8 339	
PLEASANT 068-20W4									
TOTAL-PLEASANT	784			467	279	188		7 070	
POLLOCKVILLE 025-10W4									
TOTAL-POLLOCKVILLE	1 380			954	234	720		26 850	
PONOKA 043-25W4									
TOTAL-PONOKA	41			28		28		1 091	
PONY 080-08W4									
TOTAL-PONY	419			224	116	108		4 033	
PORTAGE 078-17W4									
MCMURRAY-GROSMONT A	1 357	0.60	0.05	773			37		14 727
MCMURRAY-GROSMONT A	3 502	0.49	0.05	1 630			37		18 514
MCMURRAY-GROSMONT A TOTAL	4 859	0.50	0.05	2 403	2 197	206	37	7 620	
NISKU A	1 189	0.55	0.05	621	414	207	37	7 636	4 815
OTHER	899			445	160	285		10 497	
TOTAL-PORTAGE	6 947			3 469	2 771	698		25 753	
POUCE COUPE 080-12W6									
PEACE RIVER A	5 013	0.75	0.02	3 685	3 549	136	38	5 138	11 891
BALDONNEL C	585	0.90	0.10	474	51	423	38	16 231	400
BALDONNEL D	739	0.85	0.10	565	82	483	39	18 610	400
HALFWAY E	570	0.85	0.10	437	159	278	39	10 853	803
KISKATINAW B	1 750	0.80	0.05	1 330	1 186	144	38	5 465	441
KISKATINAW F	746	0.85	0.05	602	556	46	38	1 728	1 116
KISKATINAW H	678	0.85	0.05	547	513	34	38	1 292	400
KISKATINAW G		0.70	0.05				38		1 185
KISKATINAW K		0.85	0.05				38		200
KISKATINAW M		0.75	0.05				38		200
KISKATINAW G, K & M TOTAL	2 021	0.70	0.05	1 363	1 195	168	38	6 317	
KISKATINAW I	162	0.75	0.05	116			38		200
KISKATINAW J	311	0.85	0.05	251			38		400
KISKATINAW I & J TOTAL	473	0.80	0.05	367	360	7	38	264	
KISKATINAW P	604	0.80	0.05	459			38		520
KISKATINAW R	132	0.75	0.05	94			38		200
KISKATINAW P & R TOTAL	736	0.80	0.05	553	292	261	38	9 952	
KISK 079-12	517	0.70	0.05	344		344	38	12 910	731
OTHER	4 256			2 960	982	1 978		75 909	
TOTAL-POUCE COUPE	18 084			13 227	8 925	4 302		164 669	
POUCE COUPE SOUTH 078-12W6									
PEACE RIVER A		0.85	0.03				38		2 876
PEACE RIVER A		0.85	0.03				38		374

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.26	0.251	0.55	4 360	26	0.914	0.60	645.7	1959	1997	PRODUCTION DECLINE
1.26	0.300	0.55	4 460	26	0.918	0.57	656.3	1959	1982	
1.20	0.210	0.60	4 460	26	0.918	0.57	656.6	1975	1988	
0.90	0.270	0.50	4 600	27	0.917	0.57	672.3	1975	1983	PRODUCTION DECLINE
3.17	0.277	0.60	3 240	29	0.942	0.57	694.4	1973	1995	
2.76	0.238	0.60	4 230	29	0.925	0.57	634.4	1973	1995	
1.57	0.266	0.65	4 080	25	0.912	0.61	614.3	1973	1994	PRODUCTION DECLINE
1.36	0.264	0.60	4 050	25	0.925	0.57	611.0	1973	1995	
2.53	0.268	0.60	4 610	27	0.917	0.57	672.7	1958	1997	
7.13	0.273	0.75	4 390	25	0.918	0.58	533.3	1973	1998	PANCDN TCPL UNPACF CNRL CWNGNUL TCPL PRODUCTION DECLINE
1.35	0.280	0.70	5 050	30	0.909	0.59	609.7	1958	1991	MATERIAL BALANCE MATERIAL BALANCE PANCDN CANST POCO TCPL POCO PANCDN UNPACF CWNGNUL TCPL MATERIAL BALANCE
5.55	0.275	0.70	4 830	24	0.910	0.57	603.4	1968	1996	
1.75	0.250	0.55	5 040	29	0.912	0.57	719.9	1970	1985	
4.65	0.180	0.55	4 670	28	0.920	0.58	723.9	1970	1986	MATERIAL BALANCE MATERIAL BALANCE PANCDN CANST POCO TCPL POCO PANCDN UNPACF CWNGNUL TCPL MATERIAL BALANCE
2.83	0.122	0.65	4 680	31	0.920	0.57	732.8	1958	1994	
								1968	1981	
2.60	0.291	0.70	1 700	15	0.965	0.56	355.3	1972	1997	MATERIAL BALANCE PARAMNT CNRL AMOCO RENENER ENRMARK AMOCO PROGAS PRODUCTION DECLINE
15.83	0.123	0.80	1 700	15	0.965	0.57	369.3	1972	1997	
7.25	0.152	0.65	1 930	15	0.960	0.57	387.6	1972	1997	
								1973	1998	
6.52	0.184	0.70	4 290	33	0.926	0.57	707.5	1943	1998	AEL BEAU UNPACF TALISMA CNRL PRODUCTION DECLINE
8.23	0.170	0.75	13 660	55	0.850	0.62	1 423.8	1972	1998	MARATHN CNRL HUSKY TALISMA TCPL PRODUCTION DECLINE
9.60	0.196	0.70	13 760	55	0.851	0.62	1 425.7	1972	1998	
4.80	0.126	0.75	15 760	65	0.847	0.65	1 714.9	1982	1997	
10.12	0.103	0.85	23 870	74	0.903	0.62	2 413.4	1977	1998	TALISMA PANALTA PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE
5.14	0.089	0.80	21 450	92	0.915	0.63	2 339.0	1976	1997	
13.75	0.101	0.75	20 920	77	0.891	0.63	2 325.4	1988	1995	
9.52	0.091	0.75	21 490	96	0.925	0.62	2 343.7	1976	1997	PANALTA PRODUCTION DECLINE MATERIAL BALANCE
14.49	0.090	0.70	18 960	78	0.884	0.64	2 264.2	1989	1997	
10.50	0.100	0.80	19 430	76	0.881	0.63	2 300.0	1984	1997	
4.50	0.120	0.80	20 240	74	0.882	0.61	2 278.0	1976	1997	PRODUCTION DECLINE
4.63	0.085	0.85	21 140	77	0.907	0.58	2 308.3	1988	1991	
9.85	0.089	0.80	18 200	78	0.891	0.60	2 398.1	1988	1995	
5.50	0.110	0.60	19 600	75	0.882	0.63	2 306.1	1990	1995	CNRL PANALTA AMOCO
6.12	0.080	0.80	21 550	96	0.920	0.62	2 358.5	1988	1995	
								1974	1988	
4.40	0.194	0.60	5 600	41	0.915	0.56	985.7	1956	1990	MATERIAL BALANCE
1.27	0.178	0.50	5 600	41	0.915	0.57	963.9	1956	1990	MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
POUCE COUPE SOUTH 078-12W6 (CONTINUED)									
PEACE RIVER A		0.85	0.03				38		1 229
PEACE RIVER A		0.85	0.03				38		693
PEACE RIVER A		0.85	0.03				38		1 244
PEACE RIVER A		0.85	0.03				38		1 134
PEACE RIVER A		0.85	0.03				38		507
PEACE RIVER A		0.65	0.05				38		200
PEACE RIVER A TOTAL	1 312	0.75	0.05	954	932	22	38	832	
PEACE RIVER B		0.70	0.02				38		5 465
PEACE RIVER B		0.70	0.02				38		1 587
PEACE RIVER B		0.70	0.02				38		1 473
PEACE RIVER B TOTAL	1 289	0.70	0.05	884	880	4	38	152	
GETHING A	554	0.90	0.05	474	473	1	38	38	300
GETHING B		0.75	0.05				38		150
GETHING C		0.75	0.05				38		412
GETHING B & C TOTAL	432	0.75	0.05	308	231	77	38	2 898	
CADOMIN E	1 025	0.80	0.05	779	43	736	37	27 453	1 525
BALDONNEL B	564	0.80	0.10	406	406	< 1	38	-	2 074
BOUNDARY B SOLN	1 471	0.34	0.25	375	212	163	43	6 975	
HALFWAY A	479	0.85	0.10	366	229	137	38	5 191	1 205
HALFWAY D	1 169	0.85	0.10	895	301	594	38	22 774	1 167
DOIG B	3 525	0.70	0.10	2 221	1 500	721	39	27 924	3 355
DOIG D	404	0.85	0.10	309	11	298	39	11 619	200
MONTNEY A	3 479	0.80	0.10	2 505	964	1 541	39	59 837	5 439
OTHER	5 231			3 255	982	2 273		87 263	
TOTAL-POUCE COUPE SOUTH	20 934			13 731	7 164	6 567		252 956	
PREVO 039-01W5									
PEKISKO A SOLN	11	0.65	0.10	6b			40		
PEKISKO A ASSOC	852	0.60	0.10	460b	392b	74	40	2 924	1 222
PEKISKO B	1 697	0.60	0.10	916	715	201	39	7 923	1 034
OTHER	1 363			849	398	451		17 952	
TOTAL-PREVO	3 923			2 231	1 505	726		28 799	
PRINCESS 020-11W4									
MILK RIVER A	10 827	0.70	0.05	7 200			36		93 189
MEDICINE HAT A	7 235	0.70	0.03	4 913			36		94 754
BELLY RIVER F	28	0.50	0.05	13			37		369
BELLY RIVER G	94	0.55	0.05	49			37		1 011
MEDICINE HAT C	736	0.50	0.03	357			36		26 646
MEDICINE HAT D	522	0.50	0.03	253			36		18 374
SECOND WHITE SPECKS A	7 969	0.75	0.05	5 678			36		66 059
SE ALTA GAS SYS(MU) TOTAL	27 411	0.70	0.05	18 463	11 992	6 471	36	235 997	
BASAL MANNVILLE A SOLN	153	0.65	0.25	74b			37		
BASAL MANNVILLE A ASSOC	729	0.85	0.05	589b	187b	476	37	17 541	716
BASAL MANNVILLE M ASSOC	753	0.60	0.10	407	407	< 1	37	-	436
JEFFERSON B	1 550	0.70	0.20	868	816	52	35	1 831	3 344
OTHER	3 547			2 523	1 414	1 109		40 762	
TOTAL-PRINCESS	34 143			22 924	14 816	8 108		296 131	
PRITCHARD 061-01W4									
TOTAL-PRITCHARD	397			240	189	51		1 900	
PROGRESS 078-09W6									
GETHING B	471	0.85	0.05	380	354	26	38	985	400
BALD 077-10	568	0.85	0.10	435		435	40	17 531	1 245
HALFWAY B SOLN	707	0.65	0.15	391	321	70	40	2 780	
HALFWAY A	5 000	0.80	0.10	3 600	3 494	106	40	4 211	4 325
HALFWAY AA	394	0.90	0.10	320	101	219	40	8 732	200
HALFWAY BB	548	0.85	0.10	419	134	285	40	11 266	400
HALFWAY CC	403	0.85	0.10	309	116	193	40	7 695	400
HALFWAY Y		0.75	0.10				40		1 619

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.93	0.142	0.45	5 600	41	0.915	0.57	982.9	1956	1990	MATERIAL BALANCE
1.12	0.177	0.50	5 600	41	0.915	0.57	959.1	1956	1990	MATERIAL BALANCE
1.58	0.214	0.65	5 600	41	0.915	0.57	966.9	1956	1990	MATERIAL BALANCE
1.78	0.190	0.50	5 600	41	0.915	0.57	972.4	1956	1990	MATERIAL BALANCE
2.17	0.200	0.70	5 600	41	0.915	0.57	978.6	1956	1990	MATERIAL BALANCE
1.50	0.200	0.45	5 600	41	0.910	0.59	974.7	1956	1992	MATERIAL BALANCE ASSIGNED WELL 11-25-077-11W6M
								1956	1992	CONWEST AEL UNPACF CGGS NRTHSTR TALISMA PANALTA AMOCO
6.37	0.172	0.70	5 380	44	0.919	0.57	982.8	1953	1994	PRODUCTION DECLINE
1.60	0.159	0.70	5 380	44	0.919	0.57	1 020.9	1953	1994	PRODUCTION DECLINE
3.23	0.173	0.65	5 380	44	0.919	0.57	1 012.3	1953	1994	PRODUCTION DECLINE
								1953	1997	AEL PANALTA POCO
6.70	0.145	0.80	13 410	55	0.854	0.61	1 517.1	1958	1997	UNPACF CGGS PRODUCTION DECLINE
3.50	0.150	0.65	10 890	62	0.878	0.62	1 494.3	1979	1993	PRODUCTION DECLINE
2.38	0.167	0.70	10 870	55	0.868	0.62	1 515.1	1979	1993	PRODUCTION DECLINE
								1979	1993	UNPACF CGGS
4.96	0.147	0.70	13 030	56	0.855	0.62	1 545.7	1979	1997	CONWEST UNPACF CGGS PANALTA AMOCO
2.45	0.118	0.70	14 820	64	0.864	0.63	1 726.1	1954	1992	
						0.80		1980	1998	AEL UNPACF POCO PANALTA
4.24	0.088	0.65	17 500	70	0.885	0.60	1 958.5	1979	1997	UNPACF TALISMA
8.09	0.097	0.75	17 580	71	0.854	0.67	1 910.9	1987	1995	AEL UNPACF AEC SLUSH OIL
8.20	0.104	0.85	17 730	73	0.871	0.64	1 911.9	1977	1995	CONWEST AEL UNPACF TALISMA PROGAS PANALTA IOL MATERIAL BALANCE
15.20	0.090	0.90	17 220	71	0.868	0.63	1 886.9	1991	1996	CONWEST PANALTA
3.66	0.093	0.85	26 420	80	0.923	0.63	2 359.7	1979	1998	AEL RIGEL BEAU UNPACF TALISMA HUSKY AMOCO PANALTA PRODUCTION DECLINE SLUSH OIL
						0.68		1959	1997	BEAU TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
7.12	0.098	0.80	16 580	70	0.833	0.68	2 058.6	1959	1997	BEAU TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
10.49	0.082	0.60	16 040	70	0.820	0.72	2 015.2	1958	1998	PANCDN CRESTAR TCPL PRODUCTION DECLINE
7.18	0.154	0.55	3 140	16	0.938	0.56	377.5	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
1.77	0.170	0.55	4 310	17	0.916	0.56	465.7	1904	1994	PART OF MED HAT POOL NO.1
2.33	0.280	0.65	1 720	12	0.964	0.57	255.3	1994	1996	
2.71	0.280	0.65	1 820	13	0.962	0.57	265.3	1993	1996	
0.70	0.139	0.60	4 450	19	0.916	0.56	478.1	1973	1987	PART OF MED HAT POOL NO.3
0.72	0.139	0.60	4 450	19	0.916	0.56	507.4	1973	1987	PART OF MED HAT POOL NO.4
1.56	0.216	0.60	5 690	27	0.904	0.57	657.2	1944	1992	PART OF 2WS POOL NO.1
								1904	1996	CONWEST DUKE BEAU ALTAGAS CNRL ENGAGE CRESTAR POCO PANCDN IOL PANALTA TCPL
						0.63		1940	1996	TCPL GPP
6.41	0.201	0.65	10 690	31	0.823	0.63	970.8	1940	1996	TCPL GPP
2.76	0.200	0.60	10 800	35	0.834	0.63	996.0	1958	1998	TCPL PRODUCTION DECLINE GAS PROD BEFORE OIL DISC
4.12	0.100	0.75	10 760	37	0.806	0.81	1 196.6	1940	1996	TCPL MATERIAL BALANCE
4.33	0.152	0.65	12 490	64	0.873	0.61	1 459.3	1974	1997	TCPL AEL AEC CANST PRODUCTION DECLINE
3.17	0.146	0.75	12 940	62	0.836	0.65	1 720.6	1983	1997	AEL UNPACF TALISMA PANALTA PROGAS
						0.64		1976	1998	UNPACF PANALTA GPP
6.09	0.123	0.75	17 520	72	0.835	0.70	1 873.1	1976	1998	CONWEST UNPACF WASCANA PANALTA PROGAS PRODUCTION DECLINE
7.50	0.172	0.90	16 510	67	0.814	0.70	1 651.0	1988	1998	UNPACF CNRL
10.75	0.110	0.75	16 060	73	0.855	0.64	1 883.6	1993	1995	PANALTA TOP/BASE TVD
5.75	0.141	0.80	15 710	72	0.834	0.70	1 904.0	1985	1996	AEL DIRECT TALISMA SLUSH OIL
3.55	0.128	0.75	15 130	67	0.815	0.70	1 819.8	1985	1998	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
PROGRESS 078-09W6 (CONTINUED)									
DOIG C		0.85	0.10				39		2 424
HALFWAY Y & DOIG C TOTAL	1 459	0.85	0.10	1 116	1 026	90	37	3 371	
BELLOY C	874	0.75	0.05	623			31		992
BELLOY C	797	0.75	0.05	568			35		1 194
BELLOY C	67	0.75	0.05	48			24		200
BELLOY C TOTAL	1 738	0.75	0.05	1 239	328	911	24	21 873	
OTHER	6 951			4 206	1 286	2 920		114 918	
TOTAL-PROGRESS	18 239			12 415	7 160	5 255		193 362	
PROVINCE 008-11W4									
TOTAL-PROVINCE	32			21		21		755	
PROVOST 037-07W4									
VIKING HH	504	0.85	0.05	407	31	376	37	14 066	3 568
VIKING C ASSOC		0.75	0.04				37		122 726
VIKING C SOLN	2 325	0.34	0.20	633b			37		
VIKING C ASSOC		0.75	0.04				37		321
VIKING A ASSOC		0.75	0.04				37		397 306
VIKING K ASSOC		0.75	0.04				37		882
VIKING C ASSOC		0.70	0.05				37		200
VIKING NNN ASSOC	33	0.60	0.10	18b			38		400
VIKING SSS	102	0.65	0.05	63b			38		128
BELLY RIVER U	20	0.50	0.05	10b			37		250
BELLY RIVER DD	11	0.50	0.05	6b			37		100
BASAL COLORADO A	669	0.80	0.05	508b			37		4 214
BASAL COLORADO D	72	0.75	0.05	51b			38		3 606
MANNVILLE E	146	0.65	0.05	90b			38		678
MANNVILLE Z	964	0.95	0.10	824b			38		2 479
UPPER MANNVILLE HH	12	0.75	0.10	8b			36		150
UPPER MANNVILLE HHH	3	0.70	0.05	2b			38		150
UPPER MANNVILLE L2L	41	0.65	0.05	26b			36		150
UPPER MANNVILLE J3J	124	0.70	0.10	78b			37		1 748
LOWER MANNVILLE F	20	0.75	0.10	14b			37		150
LOWER MANNVILLE Q	311	0.80	0.10	224b			38		600
VIK, BR, BCOL & MANN MU#1 TOTAL	54 715	0.75	0.05	38 407b	32 246b	6 161	37	229 805	
MANNVILLE Q	685	0.78	0.05	507	483	24	37	885	633
UPPER MANNVILLE AA	853	0.85	0.10	653	618	35	38	1 329	2 904
UPPER MANNVILLE E2E ASSOC	5 858	0.75	0.10	3 955b			38		12 102
UPPER MANNVILLE E2E SOLN	1	0.65	0.10	1b			38		
LOWER MANNVILLE FF	84	0.70	0.10	53b			38		528
U MANN E2E & L MANN FF TOTAL	5 943	0.75	0.10	4 009b	3 704b	305	38	11 511	
UPPER MANNVILLE U8U ASSOC	373	0.75	0.05	266			37		531
UPPER MANNVILLE U8U ASSOC	70	0.70	0.05	47			37		117
UPPER MANNVILLE U8U TOTAL	443	0.75	0.05	313		313	39	12 135	
LLOYDMINSTER BB	465	0.75	0.10	314	148	166	37	6 061	368
LOWER MANNVILLE EE	750	0.80	0.10	540	508	32	38	1 211	300
OTHER	29 993			17 868	6 382	11 486		420 462	
TOTAL-PROVOST	94 351			63 018	44 120	18 898		697 465	
PUSKWASKAU 074-01W6									
DEBOLT D	60	0.75	0.10	41			38		128
DEBOLT E	149	0.80	0.10	107			38		418
DEBOLT F	222	0.80	0.05	169			37		413
DEBOLT G	144	0.80	0.10	104			38		200
ELKTON A	88	0.80	0.10	63			38		200
DEBOLT DEFG & ELKTON A TOTAL	663	0.80	0.10	484	161	323	38	12 142	
DBLT 14-075-01	391	0.90	0.10	317			38	11 951	200
D-3 C	598	0.90	0.20	430	101	329	40	13 111	200
OTHER	1 464			1 028	94	934		34 327	
TOTAL-PUSKWASKAU	3 116			2 259	356	1 903		71 531	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.40	0.109	0.85	18 850	69	0.854	0.64	1 843.6	1981	1998	PRODUCTION DECLINE
								1981	1998	CRESTAR CONWEST AEL UNPACF ULSTER PROGAS
5.70	0.133	0.70	18 940	74	0.935	0.64	2 049.7	1980	1997	DIRECT AMOCO TALISMA AEC CANST TCPL
3.94	0.140	0.70	19 230	74	0.912	0.59	2 066.4	1980	1997	
3.30	0.100	0.65	18 970	84	0.974	0.71	2 076.8	1980	1993	ASSIGNED WELL 09-18-078-09W6M
								1980	1997	CONWEST TALISMA AEC QUEBEC
1.45	0.220	0.55	7 660	36	0.875	0.60	951.8	1973	1995	RENENER PANALTA SLUSH OIL
1.09	0.235	0.60	5 890	29	0.889	0.61	893.7	1946	1985	MATERIAL BALANCE SOLN MU-VIK,BSL COL&MNV
						0.61		1946	1985	MU#1, CONC PROD
										MATERIAL BALANCE SOLN MU-VIK,BSL COL&MNV
										MU#1, CONC PROD
0.68	0.204	0.60	5 890	29	0.889	0.61	862.6	1946	1985	MATERIAL BALANCE
1.64	0.224	0.65	5 890	29	0.889	0.61	793.1	1946	1997	MATERIAL BALANCE
0.89	0.214	0.50	5 890	29	0.889	0.61	791.6	1946	1985	MATERIAL BALANCE
1.10	0.210	0.70	7 750	37	0.878	0.59	969.8	1992	1995	MATERIAL BALANCE
1.00	0.236	0.55	5 120		0.840	0.66	825.5	1976	1997	
1.10	0.200	0.60	5 490	37	0.904	0.61	962.6	1986	1995	PRODUCTION DECLINE
3.70	0.250	0.55	1 630	27	0.971	0.57	238.1	1981	1996	
4.10	0.300	0.55	1 540	11	0.967	0.57	221.8	1984	1996	
2.23	0.203	0.55	6 130	34	0.890	0.60	929.3	1963	1997	
1.10	0.233	0.60	7 780	37	0.875	0.59	983.5	1951	1998	PRODUCTION DECLINE
2.61	0.190	0.75	5 670	36	0.902	0.60	934.9	1963	1992	
2.23	0.295	0.80	7 790	40	0.864	0.63	1 061.9	1949	1998	MATERIAL BALANCE
1.20	0.150	0.50	8 040	31	0.854	0.64	1 079.7	1977	1994	
2.30	0.280	0.65	7 140	31	0.872	0.60	943.1	1967	1988	PRODUCTION DECLINE
2.40	0.300	0.55	6 490	31	0.882	0.63	856.5	1981	1995	
0.85	0.194	0.65	6 280	34	0.876	0.66	1 000.7	1977	1997	
0.90	0.150	0.40	8 170	37	0.859	0.63	964.5	1977	1994	PRODUCTION DECLINE
4.82	0.188	0.65	8 270	32	0.842	0.63	1 055.5	1977	1991	PRODUCTION DECLINE SLUSH OIL
								1946	1998	ALTAGAS NRTHSTR CNRL PANCDN ALTROAN POCO
										DYNALTA PANALTA HUSKY CWNGNUL CANST TCPL
										CHEL PROGAS AMOCO CNFRST CNWE CONCURRENT
										PRODUCTION
3.03	0.297	0.75	6 140	29	0.890	0.61	797.5	1972	1997	RENENER POCO TCPL PRODUCTION DECLINE
1.94	0.224	0.65	8 610	36	0.851	0.62	1 068.9	1975	1997	PROGAS CRESTAR CWNGNUL RENENER PRODUCTION
										DECLINE
4.44	0.200	0.65	7 820	35	0.861	0.62	1 125.6	1974	1996	GAS PRODUCED BEFORE OIL DISC GPP
						0.62		1974	1996	GAS PRODUCED BEFORE OIL DISC GPP
1.59	0.193	0.65	7 680	43	0.863	0.65	1 145.2	1982	1985	
								1974	1996	CRESTAR AEL BEAU WASCANA TCPL CNFRST
										PANCDN POCO WAINOCO AMOCO GAS PRODUCED
										BEFORE OIL DISC GPP
4.98	0.296	0.85	5 380	30	0.901	0.61	766.5	1973	1998	
4.38	0.280	0.85	5 530	30	0.898	0.61	773.9	1973	1997	
								1973	1998	PANCDN
3.37	0.280	0.85	5 520	30	0.896	0.65	773.3	1991	1997	PRODUCTION DECLINE NONCOMMERCIAL OIL
3.60	0.146	0.60	7 810	42	0.867	0.63	1 126.2	1984	1989	PANALTA PRODUCTION DECLINE
2.00	0.180	0.80	15 930	59	0.844	0.65	1 719.2	1994	1996	TOP/BASE TVD
2.64	0.109	0.70	17 990	65	0.858	0.63	1 779.3	1955	1997	
2.30	0.191	0.65	19 070	60	0.867	0.61	1 826.3	1994	1997	
2.86	0.223	0.60	19 030	63	0.854	0.65	1 873.0	1955	1996	
3.68	0.080	0.75	20 170	63	0.859	0.65	1 935.8	1955	1996	
								1955	1997	AEL
12.00	0.180	0.50	18 320	63	0.856	0.64	1 731.0	1994	1996	
18.07	0.070	0.90	32 600	96	0.956	0.90	2 983.5	1980	1995	TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
PYRAMID 105-10W6 TOTAL-PYRAMID	650			463	65	398		15 160	
QUEENSTOWN 019-21W4 TOTAL-QUEENSTOWN	3 452			2 200	745	1 455		55 314	
QUIGLEY 083-14W4 TOTAL-QUIGLEY	36			17	14	3		111	
QUIRK CREEK 021-04W5 RUNDLE A RUNDLE C RUNDLE E RUNDLE C & E TOTAL OTHER TOTAL-QUIRK CREEK	13 000 273 14 569	0.80 0.80 0.80 0.80	0.25 0.25 0.25 0.25	7 800 103 8 681	7 424 57 8 217	376 46 464	40 40 40	15 149 1 851 17 000	2 250 200 600
RACOSTA 031-11W4 TOTAL-RACOSTA	577			385	174	211		7 834	
RADWAY 059-20W4 TOTAL-RADWAY	960			621	133	488		18 262	
RAINBOW 110-06W6 BLUESKY A BLUESKY C KEG RIVER A SOLN KEG RIVER A ASSOC KEG RIVER B SOLN KEG RIVER B ASSOC KEG RIVER F SOLN KEG RIVER F ASSOC KEG RIVER O SOLN KEG RIVER O ASSOC KEG RIVER AA SOLN KEG RIVER AA ASSOC KEG RIVER II SOLN KEG RIVER II ASSOC KEG RIVER FFF OTHER TOTAL-RAINBOW	7 500 1 105 2 019 906 3 403 4 615 978 1 857 2 071 677 800 15 849 41 780	0.80 0.70 0.73 0.90 0.72 0.80 0.65 0.85 0.70 0.75 0.70 0.75 0.65 0.75 0.90	0.05 0.05 0.30 0.10 0.30 0.15 0.40 0.15 0.25 0.10 0.40 0.10 0.30 0.10 0.20	5 700 735 1 032 ^b 734 ^b 1 715 ^b 1 800 ^b 706 ^b 975 ^b 870 ^b 308 ^b 576 7 027 22 178	4 826 321 209 ^b -326 ^b 1 884 ^b 57 ^b 86 ^b -5 ^b 471 2 675 10 198	874 414 1 557 2 041 622 918 784 313 105 4 352 11 980	37 37 41 41 39 43 40 40 44 44 41 42	32 714 15 289 64 538 79 558 26 945 36 830 34 120 12 908 4 380 181 019 488 301	52 320 10 570 87 697 64
RAINBOW SOUTH 107-09W6 KEG RIVER E SOLN KEG RIVER A SOLN KEG RIVER A ASSOC KEG RIVER B SOLN KEG RIVER B ASSOC OTHER TOTAL-RAINBOW SOUTH	1 800 1 007 356 1 112 163 6 232 10 670	0.45 0.31 0.85 0.64 0.75	0.40 0.50 0.15 0.65 0.25	486 156 ^b 258 ^b 249 ^b 92 ^b 2 723 3 964	369 386 ^b -628 ^b 1 231 1 358	117 28 969 1 492 2 606	44 39 39 44 44	5 130 1 105 42 374 57 766 106 375	55 49
RAINIER 017-15W4 TOTAL-RAINIER	396			230	67	163		5 898	
RAM 037-14W5 RUNDLE A RUNDLE B TOTAL-RAM	3 300 988 4 288	0.80 0.85	0.15 0.20	2 244 672 2 916	942 75 1 017	1 302 597 1 899	38 38	49 788 22 710 72 498	777 400
RANFURLY 050-12W4 TOTAL-RANFURLY	1 079			691	521	170		6 403	
RATZ (SA) 126-18W5 TOTAL-RATZ	5			3		3		110	
REAGAN 001-19W4 TOTAL-REAGAN	220			104	59	45		1 696	
RED COULEE 001-17W4 TOTAL-RED COULEE	240			147	10	137		5 193	
RED EARTH 087-08W5 BLUESKY A	761	0.55	0.05	398	205	193	37	7 087	5 514

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
43.39	0.080	0.80	15 720	49	0.744	0.76	1 971.6	1967	1984	CGGS TCPL MATERIAL BALANCE TOP/BASE TVD
22.10	0.070	0.80	18 380	61	0.772	0.77	2 806.0	1975	1996	MATERIAL BALANCE TOP/BASE TVD
48.01	0.066	0.85	18 060	63	0.760	0.80	2 731.7	1973	1996	MATERIAL BALANCE TOP/BASE TVD
								1973	1996	TCPL CGGS
5.12	0.218	0.45	2 500	21	0.950	0.58	449.1	1965	1996	MOBIL TCPL HUSKY AMOCO PRODUCTION DECLINE
3.80	0.227	0.45	2 700	27	0.950	0.59	325.2	1964	1998	MARATHN PARAMNT PANALTA
						0.82		1965	1997	MOBIL HUSKY GAS BREAKTHRU, GPP
51.44	0.110	0.95	17 690	67	0.764	0.82	1 833.7	1965	1997	MOBIL HUSKY GAS BREAKTHRU, GPP
						0.80		1965	1988	MOBIL HUSKY GPP
						0.80		1965	1988	MOBIL HUSKY GPP
20.16	0.043	0.80	17 100	65	0.711	0.87	1 790.5	1966	1994	MOBIL HUSKY GPP
						0.87		1966	1994	MOBIL HUSKY GPP
						0.73		1966	1983	MOBIL CNRL HUSKY GAS BREAKTHRU, GPP
						0.73		1966	1983	MOBIL CNRL HUSKY GAS BREAKTHRU, GPP
						0.81		1967	1988	MOBIL CONING SECONDARY GAS CAP, GPP
						0.81		1967	1988	MOBIL CONING SECONDARY GAS CAP, GPP
						0.78		1967	1990	CANST GPP
122.19	0.046	0.80	17 690	60	0.694	0.78	1 862.1	1967	1990	CANST GPP
						0.78		1967	1990	CANST GPP
						0.93		1966	1989	MOBIL HUSKY PRODUCTION DECLINE
						0.85		1966	1990	MOBIL HUSKY GPP
29.18	0.069	0.90	18 330	71	0.830	0.73	1 875.1	1965	1993	MOBIL IOL HUSKY PRODUCTION DECLINE GPP
						0.73		1965	1993	MOBIL IOL HUSKY PRODUCTION DECLINE GPP
18.48	0.091	0.90	18 330	68	0.697	0.95	1 875.7	1966	1997	MOBIL GAS BREAKTHRU, GPP
						0.95		1966	1997	MOBIL GAS BREAKTHRU, GPP
15.65	0.095	0.90	36 140	89	1.024	0.64	4 452.2	1988	1995	SHELL TOP/BASE TVD
13.60	0.080	0.85	37 460	99	1.014	0.70	4 476.7	1988	1996	SHELL PRODUCTION DECLINE TOP/BASE TVD
3.03	0.300	0.75	1 930	10	0.958	0.58	349.3	1970	1998	NRTHSTR

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
RED EARTH 087-08W5 (CONTINUED)									
OTHER	1 751			567	10	557		21 333	
TOTAL-RED EARTH	2 512			965	215	750		28 420	
RED ROCK 063-07W6									
CHINOOK G ASSOC	3 626	0.70	0.20	2 030 ^b			40		10 503
CHINOOK G SOLN	496	0.65	0.30	225 ^b			40		
CHINOOK G ASSOC	3	0.75	0.10	2 ^b			40		116
CHINOOK G TOTAL	4 125	0.70	0.20	2 257 ^b	1 010 ^b	1 247	40	49 818	
FALHER E	783	0.90	0.15	599	550	49	39	1 920	250
FALHER G	563	0.80	0.10	405	380	25	38	957	250
OTHER	2 154			1 532	575	957		36 911	
TOTAL-RED ROCK	7 625			4 793	2 515	2 278		89 606	
RED WILLOW 040-17W4									
VIKING C	263	0.65	0.05	162			37		3 764
VIKING D	418	0.80	0.05	317			37		4 495
LOWER MANNVILLE I	266	0.75	0.05	190			37		300
VIK CD& L MANN I TOTAL	947	0.75	0.05	669	132	537	37	19 772	
OTHER	3 594			2 263	862	1 401		50 646	
TOTAL-RED WILLOW	4 541			2 932	994	1 938		70 418	
REDFISH 092-08W5									
TOTAL-REDFISH	179			100	73	27		1 018	
REDLAND 027-22W4									
UPPER MANNVILLE A	1 090	0.90	0.04	942	864	78	40	3 095	600
OTHER	1 053			647	392	255		9 505	
TOTAL-REDLAND	2 143			1 589	1 256	333		12 600	
REDWATER 057-21W4									
UPPER VIKING A		0.80	0.04				37		47 949
MIDDLE VIKING A		0.80	0.04				38		11 540
LOWER VIKING A ASSOC		0.80	0.04				38		6 196
LOWER VIKING A SOLN	104	0.65	0.25	51 ^b			38		
UV A & MV A & LV A TOTAL	1 185	0.80	0.05	881 ^b	798 ^b	83	38	3 124	
D-3 SOLN	7 692	0.65	0.60	2 000 ^b			47		
D-3 ASSOC		0.80	0.25		1 827 ^b	173	47	8 152	
OTHER	5 614			3 551	1 443	2 108		78 294	
TOTAL-REDWATER	14 491			6 432	4 068	2 364		89 570	
REITA 059-03W4									
TOTAL-REITA	374			211	190	21		768	
RESDELN 083-06W4									
MCMURRAY C	386	0.84	0.05	308	277	31	37	1 153	1 537
MCMURRAY F	1 253	0.75	0.05	893	614	279	37	10 362	2 382
OTHER	3 574			1 989	1 100	889		33 136	
TOTAL-RESDELN	5 213			3 190	1 991	1 199		44 651	
RETLAW 012-18W4									
BASAL COLORADO B		0.75	0.10				37		3 414
BASAL COLORADO B		0.75	0.05				36		100
BASAL COLORADO B TOTAL	572	0.85	0.05	462	432	30			
MANNVILLE Y ASSOC	1 030	0.85	0.20	701 ^b	700 ^b	1	38	38	284
MANNVILLE RR SOLN	277	0.65	0.40	108 ^b			36		
MANNVILLE RR ASSOC	355	0.85	0.10	272 ^b	237 ^b	143	36	5 209	1 960
MANNVILLE G2G ASSOC	586	0.85	0.10	448 ^b	259 ^b	189	36	6 881	191
MANNVILLE A3A	978	0.90	0.10	792	765	27	38	1 034	264

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.89	0.155	0.65	10 440	45	0.797	0.70	1 404.7	1956	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
						0.70		1956	1997	PRODUCTION DECLINE CONCURRENT PRODUCTION, DEEP CUT SL
0.77	0.060	0.50	10 440	45	0.797	0.70	1 524.7	1956	1998	PROGAS RIOALTO HUSKY CHEL TALISMA TCPL
								1956	1998	CONCURRENT PRODUCTION, DEEP CUT SL
9.00	0.090	0.85	31 120	93	0.971	0.65	2 772.2	1991	1996	TCPL PRODUCTION DECLINE DEEP CUT SL
2.90	0.120	0.70	35 690	98	1.030	0.60	3 003.4	1993	1997	CHEL PRODUCTION DECLINE TOP/BASE TVD, DEEP CUT SL
1.18	0.151	0.65	5 970	38	0.904	0.60	991.7	1971	1996	
1.29	0.180	0.65	6 100	38	0.905	0.59	994.6	1953	1996	
6.70	0.211	0.80	7 730	43	0.886	0.60	1 135.6	1976	1998	
								1953	1998	RENENER BEAU PANCDN PROGAS PANALTA TCPL AMOCO
3.34	0.190	0.70	10 720	53	0.816	0.69	1 485.4	1961	1997	PANCDN CWNGNUL PIONEER PRODUCTION DECLINE
0.78	0.217	0.55	5 240	33	0.907	0.60	624.5	1947	1998	PART OF VIK POOL NO.1 PRODUCTION DECLINE
0.96	0.200	0.60	5 670	33	0.897	0.60	637.6	1947	1998	PART OF VIK POOL NO.1 PRODUCTION DECLINE
0.91	0.228	0.55	4 340	26	0.911	0.60	644.2	1947	1998	PART OF VIK POOL NO.1 PRODUCTION DECLINE
						0.60		1947	1998	CONCURRENT PRODUCTION
								1947	1998	PART OF VIK POOL NO.1 PRODUCTION DECLINE
								1947	1998	CONCURRENT PRODUCTION
								1947	1998	CWNGNUL IOL PART OF VIK POOL NO.1
						1.05		1948	1998	CONCURRENT PRODUCTION
						1.05		1948	1998	TCPL RENENER PCOG UNPACF CNRL IOL CWNGNUL AMOCO GPP
								1948	1998	TCPL RENENER PCOG UNPACF CNRL IOL CWNGNUL AMOCO GPP
5.98	0.307	0.70	1 640	12	0.965	0.56	430.9	1990	1997	NRTHSTR CDFRST PRODUCTION DECLINE
8.31	0.330	0.75	1 860	13	0.961	0.56	389.3	1990	1998	NRTHSTR CDFRST PRODUCTION DECLINE
1.28	0.186	0.55	8 790	29	0.801	0.71	947.6	1960	1994	PRODUCTION DECLINE
1.52	0.220	0.65	7 630	36	0.870	0.63	946.7	1960	1994	PRODUCTION DECLINE ASSIGNED WELL
										06-08-013-18W4M
7.50	0.242	0.85	11 790	40	0.796	0.76	1 069.6	1960	1994	AEL TCPL NRTHSTR
								1974	1980	NRTHSTR TCPL MATERIAL BALANCE CONCURRENT PRODUCTION DEPL
						0.68		1964	1997	NRTHSTR TCPL OIL DEPLETED GPP
1.28	0.166	0.65	11 800	40	0.818	0.68	1 067.9	1964	1997	NRTHSTR TCPL OIL DEPLETED GPP
5.40	0.250	0.80	11 600	31	0.790	0.69	1 086.3	1980	1998	UNPACF NRTHSTR PROGAS PRODUCTION DECLINE GPP
2.30	0.230	0.70	11 850	32	0.791	0.69	1 094.6	1959	1996	TCPL PRODUCTION DECLINE SLUSH OIL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
RETLAW 012-18W4 (CONTINUED)									
OTHER	8 792			5 473	3 095	2 378		90 198	
TOTAL-RETLAW	12 590			8 256	5 488	2 768		103 360	
RIBSTONE 043-03W4									
TOTAL-RIBSTONE	1 517			806	440	366		12 805	
RICH 035-21W4									
GLAUCONITIC F	2 458	0.80	0.10	1 769	1 627	142	39	5 494	5 447
GLAUCONITIC G	626	0.80	0.10	451	438	13	39	501	1 011
OTHER	1 290			799	487	312		11 933	
TOTAL-RICH	4 374			3 019	2 552	467		17 928	
RICHDALE 030-12W4									
VIKING A	1 144	0.80	0.05	869			38		9 255
VIKING C	831	0.80	0.05	632			38		5 757
VIKING F	115	0.70	0.05	77			37		440
VIKING A, C & F TOTAL	2 090	0.80	0.05	1 578	969	609	38	22 904	
OTHER	5 865			3 912	2 013	1 899		70 674	
TOTAL-RICHDALE	7 955			5 490	2 982	2 508		93 578	
RICHMOND 069-19W4									
TOTAL-RICHMOND	205			114	87	27		1 004	
RICINUS 035-08W5									
CARDIUM B SOLN	1 013	0.85	0.25	646	184	462	40 ^a	18 683	
CARDIUM Q SOLN	548	0.85	0.10	419	307	112	41	4 560	
CARDIUM TT SOLN	471	0.85	0.10	360	242	118	40	4 721	
CARDIUM A SOLN	2 653	0.85	0.15	1 917 ^b			41 ^a		
CARDIUM A ASSOC	8 316	c	c	6 950 ^b	3 056 ^b	5 811	41 ^a	235 462	2 569
CARDIUM L ASSOC	3 504	0.85	0.10	2 680 ^b			41		1 164
CARDIUM L SOLN	286	0.85	0.40	146 ^b			41		
CARDIUM L TOTAL	3 790	0.85	0.10	2 826 ^b	1 034 ^b	1 792	41	72 666	
CARDIUM R	1 040	0.80	0.10	749	567	182	40	7 211	1 128
VIKING D	412	0.85	0.10	315	285	30	40	1 186	128
VIKING E	580	0.85	0.10	444	411	33	39	1 292	200
VIKING F	906	0.85	0.05	732	577	155	39	6 073	200
VIKING K	941	0.85	0.10	720	682	38	39	1 487	200
VIKING S	424	0.85	0.10	324	275	49	39	1 918	200
VIKING W	831	0.85	0.10	635	102	533	39	20 920	200
VIKING Z	412	0.85	0.10	315	191	124	39	4 853	128
VIKING A		0.80	0.10				40		600
VIKING A		0.75	0.10				40		200
VIKING B	247	0.70	0.10	156			40		200
VIKING A & B TOTAL	3 114	0.75	0.10	2 091	1 790	301			
VIKING V	270	0.70	0.10	170			39		200
VIKING EE	129	0.70	0.10	81			39		200
MANNVILLE A	267	0.75	0.10	180			39		150
VIK V, EE & MANN A TOTAL	666	0.70	0.10	431	386	45	39	1 765	
VIKING M	445	0.85	0.10	340			39		400
VIKING P	775	0.85	0.10	593			39		600
ELLERSLIE A	59	0.80	0.15	40			41		150
VIKING M, P & ELRS A TOTAL	1 279	0.85	0.10	973	192	781	39	30 709	
D-3 A	7 530	0.40	0.40	1 807	1 807	< 1	37	-	1 561
D-3 B	2 588	0.85	0.45	1 210	878	332	37	12 367	800
D-3 C	1 847	0.80	0.35	961	463	498	28	13 705	250
D-3 D	1 045	0.85	0.40	533	376	157	34	5 310	200
OTHER	11 899			7 682	3 662	4 020		160 951	
TOTAL-RICINUS	52 305			33 040	17 467	15 573		605 839	
RICINUS WEST 036-10W5									
D-3 A	49 500	0.91	0.45	24 775	24 356	419	38	15 826	2 591
OTHER	1 239			828	433	395		15 896	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.83	0.183	0.60	8 490	59	0.868	0.67	1 429.2	1953	1997	SIGNALT RENENER TCPL PANALTA PRODUCTION DECLINE
3.08	0.205	0.70	8 580	51	0.856	0.67	1 393.3	1973	1998	TCPL PANALTA PRODUCTION DECLINE
1.40	0.200	0.55	7 560	35	0.870	0.61	930.7	1955	1997	GULF CNRL CRESTAR PANALTA TCPL ENGAGE
1.65	0.199	0.55	7 590	36	0.874	0.60	938.7	1955	1997	
3.05	0.203	0.55	7 380	37	0.882	0.60	965.1	1970	1997	
								1955	1997	
						0.71		1969	1990	PCOG MOBIL TCPL PREV GAS CYCLING GPP
						0.68		1971	1986	TCPL TOP/BASE TVD GPP
						0.68		1985	1986	PCOG TOP/BASE TVD GPP
						0.92		1968	1988	PCOG UNPACF CHEL CRESTAR GULF AMOCO TCPL
9.43	0.143	0.90	27 170	77	0.848	0.92	2 677.6	1968	1988	GAS CYCLING, CONING GAS CAP, GPP
10.86	0.138	0.90	14 120	65	0.820	0.68	2 038.7	1971	1993	PCOG UNPACF CHEL CRESTAR GULF AMOCO TCPL
						0.68		1971	1993	GAS CYCLING, CONING GAS CAP, GPP
								1971	1994	MATERIAL BALANCE CONC PROD, DRY GAS BREAKTHRU
4.68	0.100	0.90	12 270	59	0.823	0.68	1 745.9	1971	1998	TCPL HUSKY AMOCO CONC PROD, DRY GAS BREAKTHRU
48.80	0.120	0.90	18 950	87	0.871	0.67	2 755.2	1985	1996	PCOG PRODUCTION DECLINE
20.80	0.100	0.75	20 480	84	0.877	0.67	2 793.1	1978	1995	PCOG PRODUCTION DECLINE TOP/BASE TVD
8.70	0.080	0.75	20 210	81	0.882	0.63	2 659.4	1980	1997	PCOG PANALTA
5.03	0.080	0.70	19 390	78	0.863	0.67	2 434.0	1987	1996	PRODUCTION DECLINE TOP/BASE TVD
13.80	0.110	0.80	19 130	84	0.872	0.67	2 573.9	1993	1996	PCOG PANALTA PRODUCTION DECLINE TOP/BASE TVD
52.00	0.060	0.75	19 090	78	0.871	0.64	2 730.0	1994	1998	TOP/BASE TVD
18.10	0.050	0.75	15 670	71	0.845	0.67	1 972.2	1994	1996	PCOG PANALTA PRODUCTION DECLINE TOP/BASE TVD
18.63	0.085	0.65	19 530	78	0.860	0.66	2 079.5	1972	1996	PRODUCTION DECLINE
13.72	0.110	0.75	17 140	76	0.855	0.66	2 173.3	1972	1996	PRODUCTION DECLINE TP/BS TVD, AS WELL
10.70	0.050	0.65	14 570	84	0.864	0.68	2 813.2	1982	1994	16-04-033-07W5M
								1972	1997	PRODUCTION DECLINE
12.40	0.090	0.90	14 810	86	0.872	0.67	2 709.1	1994	1996	PCOG PANALTA
7.40	0.070	0.85	16 250	88	0.874	0.67	2 813.5	1994	1996	TOP/BASE TVD
5.50	0.100	0.90	24 580	88	0.908	0.66	2 781.2	1994	1996	TOP/BASE TVD
								1994	1997	PRODUCTION DECLINE TOP/BASE TVD
11.95	0.074	0.70	20 410	91	0.888	0.67	2 836.5	1988	1993	PCOG
12.40	0.084	0.70	20 330	90	0.899	0.65	2 736.2	1988	1993	TOP/BASE TVD
1.20	0.130	0.90	37 340	101	1.016	0.87	3 154.2	1992	1994	TOP/BASE TVD
								1988	1995	TOP/BASE TVD
35.15	0.073	0.75	40 610	108	0.974	0.79	4 206.1	1968	1998	RENENER PCOG PANALTA
37.96	0.033	0.85	39 850	118	0.954	0.82	4 233.6	1972	1991	MOBIL PCOG TCPL
34.70	0.090	0.90	35 680	117	0.990	0.83	4 294.0	1991	1995	HUSKY GULF TCPL TOP/BASE TVD
7.00	0.060	0.90	33 750	121	0.936	0.81	4 278.5	1993	1998	MOBIL TALISMA TOP/BASE TVD
										MOBIL TALISMA PRODUCTION DECLINE
124.66	0.065	0.90	39 910	118	0.950	0.83	4 462.5	1969	1995	MOBIL AMOCO HUSKY TCPL CHEVRON MATERIAL BALANCE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
RICINUS WEST 036-10W5 (CONTINUED) TOTAL-RICINUS WEST	50 739			25 603	24 789	814		31 722	
RINGS 080-05W6 TOTAL-RINGS	153			106	9	97		3 784	
RIVERCOURSE 047-01W4 TOTAL-RIVERCOURSE	818			528	261	267		8 091	
RIVIERE 055-27W4 TOTAL-RIVIERE	631			459	242	217		8 351	
ROBIN 014-20W4 TOTAL-ROBIN	1 230			792	558	234		8 919	
ROCHESTER 062-24W4 TOTAL-ROCHESTER	1 803			1 131	673	458		17 353	
ROCKYFORD 026-23W4 TOTAL-ROCKYFORD	3 423			2 118	904	1 214		45 391	
ROLLA 079-06W6 TOTAL-ROLLA	149			106	2	104		3 946	
ROMEO 025-04W4 TOTAL-ROMEO	166			110	6	104		3 936	
RONALANE 013-12W4 TOTAL-RONALANE	193			85	6	79		3 005	
ROSEVEAR 054-15W5 BELLOY A	471	0.85	0.10	360	206	154	39	5 964	531
BEAVERHILL LAKE A	7 362	0.87	0.17	5 316	4 899	417	38	15 954	3 201
BEAVERHILL LAKE B	5 390	0.87	0.17	3 892	3 047	845	38	32 364	2 145
OTHER	1 210			840	103	737		28 837	
TOTAL-ROSEVEAR	14 433			10 408	8 255	2 153		83 119	
ROUTE 062-08W6 TOTAL-ROUTE	479			327	92	235		9 464	
ROWLEY 032-20W4 BELLY RIVER A	987	0.75	0.05	703	549	154	37	5 701	905
PEKISKO A ASSOC		0.92	0.05				40		977
PEKISKO A SOLN	505	0.65	0.05	312 ^b			40		
PEKISKO A ASSOC		0.92	0.05				40		1 051
PEKISKO A ASSOC		0.92	0.05				40		188
PEKISKO A TOTAL	1 913	0.85	0.05	1 542 ^b	1 491 ^b	51			
OTHER	4 429			2 712	1 385	1 327		50 847	
TOTAL-ROWLEY	7 329			4 957	3 425	1 532		56 548	
ROXANA 078-19W5 TOTAL-ROXANA	185			121	1	120		4 472	
ROYAL 053-16W4 TOTAL-ROYAL	1 032			626	393	233		8 719	
ROYCE 084-07W6 WABAMUN A	603	0.90	0.10	489	19	470	36	17 080	440
OTHER	459			344	13	331		12 488	
TOTAL-ROYCE	1 062			833	32	801		29 568	
RUBEN (SA) 083-03W5 TOTAL-RUBEN	30			15		15		554	
RUMSEY 034-21W4 TOTAL-RUMSEY	2 002			1 292	968	324		12 202	
RYCROFT 077-04W6 GETHING D	565	0.85	0.10	432	21	411	38	15 437	150
OTHER	2 185			1 231	515	716		27 933	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.60	0.164	0.70	20 850	82	0.895	0.65	2 308.3	1988	1996	TCPL CDNFRST PRODUCTION DECLINE
11.39	0.089	0.85	32 810	109	0.982	0.72	3 222.7	1971	1997	NONCOMMERCIAL OIL
17.87	0.107	0.85	32 810	116	0.989	0.72	3 231.9	1974	1998	TCPL MATERIAL BALANCE
										TCPL MATERIAL BALANCE
9.34	0.308	0.60	3 100	27	0.945	0.56	677.7	1964	1995	CNRL TCPL PRODUCTION DECLINE
4.77	0.079	0.80	10 240	50	0.825	0.68	1 342.5	1960	1997	MATERIAL BALANCE CONCURRENT PRODUCTION
						0.68		1960	1997	MATERIAL BALANCE CONCURRENT PRODUCTION
2.18	0.157	0.85	10 360	50	0.824	0.67	1 333.2	1960	1988	MATERIAL BALANCE
3.35	0.048	0.80	10 220	50	0.825	0.67	1 350.3	1960	1992	MATERIAL BALANCE
								1960	1994	RENENER GULF TCPL CAN88 AMOCO CONCURRENT PRODUCTION
15.85	0.060	0.70	22 680	75	0.901	0.66	2 128.2	1974	1998	TCPL SLUSH OIL
21.40	0.190	0.75	11 890	47	0.855	0.63	1 262.2	1983	1997	AEL PANCDN PIONEER

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
RYCROFT 077-04W6 (CONTINUED) TOTAL-RYCROFT	2 750			1 663	536	1 127		43 370	
SABBATH (SA) 106-12W6 TOTAL-SABBATH	84			50		50		1 968	
SADDLE HILLS 076-06W6 PADDY B	1 750	0.70	0.05	1 164	883	281	37	10 484	1 681
CADOTTE E	751	0.65	0.05	464	351	113	38	4 306	801
OTHER	2 009			1 313	483	830		32 432	
TOTAL-SADDLE HILLS	4 510			2 941	1 717	1 224		47 222	
SAKWATAMAU 063-14W5 GETHING A SOLN	254	0.65	0.60	66 ^b			39		
GETHING A ASSOC	450	0.80	0.10	324 ^b	84 ^b	306	39	11 858	150
OTHER	1 096			713	183	530		20 555	
TOTAL-SAKWATAMAU	1 800			1 103	267	836		32 413	
SALESKI 086-18W4 WABISKAW A		0.50	0.05				38		1 653
MCMURRAY A		0.50	0.05				37		1 885
GROSMONT B		0.50	0.05				37		5 377
WBSK A, MCMY A & GSMTB TOTAL	972	0.50	0.05	461	406	55	37	2 008	
GROSMONT A	3 700	0.65	0.05	2 285	2 170	115	36	4 183	33 930
TOTAL-SALESKI	4 672			2 746	2 576	170		6 191	
SALTER 027-08W5 RUNDLE A	3 577	0.70	0.25	1 878	746	1 132	37	42 405	1 780
TOTAL-SALTER	3 577			1 878	746	1 132		42 405	
SAMSON 044-24W4 TOTAL-SAMSON	817			543	257	286		11 184	
SAND (SA) 070-08W4 TOTAL-SAND	176			93		93		3 433	
SANDY 082-20W4 TOTAL-SANDY	13			7	1	6		223	
SANGUDO 057-06W5 TOTAL-SANGUDO	909			597	120	477		18 637	
SAPPHIRE (SA) 001-05W4 TOTAL-SAPPHIRE	158			97		97		3 597	
SARCEE 023-03W5 RUNDLE A	6 085	0.87	0.18	4 341	3 957	384	39	15 068	1 304
RUNDLE B	562	0.85	0.15	406	50	356	39	13 752	200
TOTAL-SARCEE	6 647			4 747	4 007	740		28 820	
SAUNDERS 040-13W5 RUNDLE B	933	0.40	0.10	336	244	92	38	3 538	991
TOTAL-SAUNDERS	933			336	244	92		3 538	
SAVANNA CREEK 014-04W5 RUNDLE A	6 860	0.80	0.20	4 390	3 654	736	38	27 652	2 992
TOTAL-SAVANNA CREEK	6 860			4 390	3 654	736		27 652	
SAWDY 069-22W4 TOTAL-SAWDY	198			129	38	91		3 422	
SAWN LAKE 091-12W5 TOTAL-SAWN LAKE	759			312		312		12 152	
SAXON 061-24W5 TOTAL-SAXON	134			90		90		3 524	
SCANDIA 016-16W4 TOTAL-SCANDIA	270			211	164	47		1 691	
SEAL 082-14W5 DEBOLT A		0.80	0.10				38		3 952

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
6.09 9.47	0.180 0.180	0.60 0.60	7 170 6 280	45 50	0.895 0.910	0.60 0.60	1 217.0 1 262.5	1972 1976	1995 1998	PENWEST AEL UNPACF POCO MATERIAL BALANCE POCO PRODUCTION DECLINE
1.00	0.180	0.70	11 590	71	0.870	0.65 0.65	1 725.4	1975 1975	1998 1998	PRODUCTION DECLINE GPP PRODUCTION DECLINE GPP
0.71 2.07 12.53	0.308 0.288 0.122	0.65 0.75 0.30	750 740 740	7 8 7	0.983 0.984 0.984	0.56 0.58 0.58	210.6 222.7 235.8	1980 1981 1980	1997 1997 1997	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE
13.33	0.133	0.85	770	9	0.983	0.58	245.3	1980 1977	1997 1996	PANALTA WASCANA AEC PANALTA PARAMNT MATERIAL BALANCE
21.20	0.051	0.75	26 900	75	0.887	0.68	2 670.7	1972	1997	PCOG PANALTA TOP/BASE TVD
29.54 21.78	0.074 0.060	0.80 0.90	26 300 29 900	81 99	0.900 0.956	0.71 0.71	3 051.2 3 410.2	1954 1988	1998 1997	CWNGNUL MATERIAL BALANCE DEEP CUT SL PENWEST TOP/BASE TVD, SLUSH OIL
13.58	0.059	0.80	32 030	102	0.999	0.62	3 571.4	1976	1998	TCPL PRODUCTION DECLINE
62.70	0.045	0.85	19 210	84	0.870	0.69	2 534.2	1954	1987	NRTHSTR HUSKY MATERIAL BALANCE
5.18	0.202	0.60	4 220	18	0.914	0.62	604.8	1974	1997	PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
SEAL 082-14W5 (CONTINUED)									
DEBOLT E		0.80	0.10				38		970
DEBOLT A & E TOTAL	1 262	0.80	0.10	909	703	206	38	7 754	
OTHER	1 340			812	492	320		11 942	
TOTAL-SEAL	2 602			1 721	1 195	526		19 696	
SEDALIA 030-05W4									
BELLY RIVER D	640	0.60	0.05	365	329	36	37	1 323	2 598
BELLY RIVER N	441	0.85	0.05	356	330	26	37	954	2 115
BELLY RIVER A		0.50	0.05				37		6 338
BELLY RIVER B		0.50	0.05				37		770
BELLY RIVER A & B TOTAL	2 616	0.50	0.05	1 243	876	367	37	13 520	
VIKING C		0.73	0.08				37		10 604
VIKING E		0.73	0.08				37		4 632
VIKING C & E TOTAL	1 781	0.75	0.10	1 196	1 060	136	37	5 017	
VIKING A		0.70	0.08				37		7 453
VIKING F		0.70	0.08				37		200
UPPER MANNVILLE D		0.70	0.05				38		256
LOWER MANNVILLE B		0.70	0.05				37		1 294
VIK A&F, UMN D & LMN TOTAL	808	0.70	0.05	526	484	42	37	1 558	
OTHER	1 102			600	339	261		9 525	
TOTAL-SEDALIA	7 388			4 286	3 418	868		31 897	
SEDEWICK 042-12W4									
BASAL MANNVILLE A	547	0.85	0.10	419	412	7	37	258	992
OTHER	201			130	67	63		2 349	
TOTAL-SEDEWICK	748			549	479	70		2 607	
SEIU LAKE 025-18W4									
MEDICINE HAT A	856	0.50	0.03	415			36		12 401
SE ALTA GAS SYS (MU) TOTAL	856	0.50	0.05	415		415	36	15 135	
UPPER MANNVILLE A		0.75	0.10				39		333
UPPER MANNVILLE A		0.75	0.10				39		3 043
UPPER MANNVILLE A		0.70	0.10				39		300
UPPER MANNVILLE A		0.70	0.10				38		188
UPPER MANNVILLE A		0.75	0.10				38		150
UPPER MANNVILLE A TOTAL	1 208	0.75	0.10	815	739	76	39	2 989	
OTHER	1 113			734	260	474		18 354	
TOTAL-SEIU LAKE	3 177			1 964	999	965		36 478	
SENEX 092-03W5									
TOTAL-SENEX	347			172	4	168		6 620	
SHADOW 074-17W5									
TOTAL-SHADOW	107			70		70		2 665	
SHANE 077-02W6									
KISKATINAW B	1 115	0.90	0.10	904	654	250	39	9 793	1 008
OTHER	382			275	176	99		3 862	
TOTAL-SHANE	1 497			1 179	830	349		13 655	
SHANNON 026-06W4									
TOTAL-SHANNON	154			100	9	91		3 355	
SHAW 049-22W5									
SPRAY RIVER A	139	0.75	0.10	94			37		200
RUNDLE A	2 345	0.40	0.10	844			38		2 348
SPRAY RIV A&RUNDLE A TOTAL	2 484	0.40	0.10	938	653	285	38	10 824	
OTHER	314			221	150	71		2 829	
TOTAL-SHAW	2 798			1 159	803	356		13 653	
SHEKILIE 117-09W6									
KR 11-118-08	613	0.85	0.20	417		417	42	17 627	64
OTHER	4 680			2 079	386	1 693		68 218	
TOTAL-SHEKILIE	5 293			2 496	386	2 110		85 845	
SHEKILIE WEST 117-11W6									
TOTAL-SHEKILIE WEST	252			149	2	147		5 478	
SHELDON 073-23W5									
TOTAL-SHELDON	249			177		177		6 667	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.03	0.193	0.60	4 020	18	0.918	0.63	600.7	1974 1974	1997 1997	PRODUCTION DECLINE TCPL PANALTA UNPACF AEC
3.32 3.55	0.338 0.325	0.75 0.75	1 390 1 440	14 17	0.972 0.972	0.57 0.56	202.0 220.0	1975 1976	1998 1996	CWNGNUL PROGAS PRODUCTION DECLINE CANOR CRESTAR ENCAL PANALTA CWNGNUL IOL PROGAS TCPL PRODUCTION DECLINE
3.39 1.69	0.339 0.324	0.70 0.65	1 320 1 370	12 13	0.973 0.971	0.56 0.56	194.2 204.5	1973 1974	1998 1998	PRODUCTION DECLINE PRODUCTION DECLINE CRESTAR TCPL PROGAS IOL CWNGNUL
1.13 0.81	0.236 0.231	0.55 0.50	6 380 6 280	32 32	0.890 0.896	0.60 0.59	835.6 835.8	1954 1958	1996 1996	PRODUCTION DECLINE PRODUCTION DECLINE CRESTAR ENGAGE TCPL
1.56 0.75 2.44 2.20	0.233 0.120 0.220 0.280	0.45 0.40 0.50 0.35	6 570 6 380 7 330 7 950	32 32 31 32	0.894 0.890 0.872 0.870	0.58 0.60 0.60 0.58	749.4 782.4 801.6 829.2	1956 1957 1976 1968	1997 1997 1997 1997	PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE CRESTAR PANALTA TCPL IOL AMOCO
3.85	0.223	0.75	6 740	35	0.884	0.64	897.0	1954	1998	PANCDN TCPL PRODUCTION DECLINE
1.60 0.90 2.08 1.80 3.55 2.00	0.170 0.175 0.184 0.130 0.169 0.140	0.55 0.55 0.60 0.50 0.60 0.40	4 310 9 720 9 690 9 500 9 300 10 110	17 38 42 45 43 52	0.916 0.815 0.828 0.837 0.831 0.840	0.56 0.66 0.65 0.65 0.67 0.67	783.7 1 291.3 1 336.7 1 392.5 1 399.5 1 423.0	1904 1904 1960 1960 1960 1960	1994 1994 1997 1997 1997 1997	PART OF MED HAT POOL NO.1 CRESTAR PANCDN TCPL PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE PRODUCTION DECLINE ASSIGNED WELL 14-32-025-18W4M CNRL TCPL QUEBEC PANCDN DIRECT
1.43	0.153	0.75	14 520	55	0.784	0.73	1 518.6	1976	1997	RIGEL TCPL MATERIAL BALANCE
2.40 10.58	0.090 0.050	0.90 0.85	32 680 33 270	99 137	1.008 1.039	0.63 0.61	3 920.5 3 973.3	1973 1973 1973	1986 1984 1986	PRODUCTION DECLINE TOP/BASE TVD TOP/BASE TVD PCOG MOBIL TCPL
85.00	0.100	0.80	13 950	82	0.793	0.81	1 732.5	1983	1994	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
SHOULDICE 020-23W4									
MEDICINE HAT A	943	0.50	0.03	458			36		14 671
BELLY RIVER A	5	0.60	0.05	3			37		75
SE ALTA GAS SYS (MU) TOTAL	948	0.50	0.05	461	158	303	36	11 050	
GLAUCONITIC J SOLN	20	0.65	0.30	9b			40		
GLAUCONITIC J ASSOC	508	0.90	0.10	411b	284b	136	40	5 375	252
GLAUCONITIC L	397	0.85	0.10	303	177	126	39	4 943	150
OTHER	2 763			1 640	529	1 111		42 797	
TOTAL-SHOULDICE	4 636			2 824	1 148	1 676		64 165	
SIBBALD 027-02W4									
VIKING A	976	0.80	0.05	742	711	31	37	1 138	2 989
OTHER	1 607			1 004	519	485		17 905	
TOTAL-SIBBALD	2 583			1 746	1 230	516		19 043	
SILER 057-06W4									
TOTAL-SILER	500			314	114	200		7 464	
SILVER 017-28W4									
TOTAL-SILVER	655			462	123	339		13 115	
SIMONETTE 063-26W5									
DUNVEGAN F ASSOC	2 000	0.80	0.10	1 440	763	677	41	27 743	3 066
GETHING A	946	0.80	0.10	681	302	379	40	15 194	1 400
WABAMUN A	693	0.90	0.40	374	366	8	39	310	400
WABAMUN E	614	0.90	0.35	359	4	355	39	13 742	200
D-3 SOLN	5 781	0.64	0.50	1 850b			41		
D-3 ASSOC		0.80	0.25		1 789b	61	41	2 513	
BEAVERHILL LAKE A SOLN	2 132	0.45	0.20	767	502	265	38	10 054	
OTHER	3 447			1 740	769	971		39 276	
TOTAL-SIMONETTE	15 613			7 211	4 495	2 716		108 832	
SINCLAIR 074-12W6									
DOE CREEK N	94	0.70	0.20	53			42		575
PADDY A	5 490	0.90	0.20	3 953			41		3 893
DOE CREEK N & PADDY A TOTAL	5 584	0.90	0.20	4 006	3 946	60	41	2 440	
PADDY B	1 439	0.85	0.20	978	922	56	41	2 270	1 743
PADDY D	576	0.85	0.20	392	263	129	40	5 218	1 725
BLUESKY A		0.75	0.10				38		200
BLUESKY C		0.85	0.10				38		629
BLUESKY A & C TOTAL	573	0.85	0.10	438	352	86	38	3 272	
GETHING P	98	0.75	0.10	67			38		150
NIKANASSIN D	387	0.85	0.20	263			39		400
GETH P & NIKANASSIN D TOTAL	485	0.85	0.20	330	9	321	39	12 577	
NOTIKWIN A	222	0.75	0.20	134			41		500
NOTIKWIN B	45	0.75	0.15	29			40		250
FALHER A	2 729	0.85	0.15	1 972			40		11 200
CADOMIN A	4 236	0.70	0.10	2 669			38		13 114
NOTI AB, FALH A & CADM A TOTAL	7 232	0.75	0.10	4 804	2 288	2 516	39	97 998	
NIKANASSIN C	452	0.85	0.10	346	28	318	38	12 071	400
HALFWAY A	398	0.90	0.15	304	88	216	38	8 113	200
HALFWAY B	392	0.90	0.10	318	88	230	38	8 637	400
HALFWAY H	1 156	0.85	0.10	885	26	859	37	31 903	200
HFWY 23-073-13	544	0.90	0.15	417		417	38	15 663	200
HFWY 19-073-13	510	0.85	0.15	369		369	38	13 860	200
DOIG A	10 370	0.75	0.10	7 000	4 895	2 105	38	79 737	5 069
MONTNEY A	1 938	0.85	0.05	1 565	451	1 114	37	41 240	1 196
MONTNEY B	516	0.80	0.10	372	41	331	38	12 525	200

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.49 2.50	0.170 0.150	0.55 0.50	4 310 3 410	17 28	0.916 0.942	0.56 0.57	873.4 707.5	1904 1993 1904 1981	1994 1996 1994 1997	PART OF MED HAT POOL NO.1 UNPACF CRESTAR QUEBEC PANALTA PROGAS MARATHN PCOG UNPACF DIRECT CONC PROD. OIL DEPLETED MARATHN PCOG UNPACF DIRECT CONC PROD. OIL DEPLETED MARATHN UNPACF
7.48 11.70	0.222 0.200	0.80 0.75	13 330 13 330	45 44	0.786 0.792	0.67 0.67	1 648.2 1 681.8	1981 1986	1997 1994	
2.49	0.228	0.50	6 880	30	0.884	0.59	755.1	1951	1998	CRESTAR TCPL PRODUCTION DECLINE
6.52 4.08 33.22 12.00	0.124 0.130 0.089 0.100	0.70 0.70 0.85 0.95	14 270 19 530 34 070 30 400	56 77 102 98	0.791 0.872 0.901 0.865	0.69 0.63 1.13 1.02 0.87 0.87 0.66	1 834.5 2 538.7 3 367.2 3 322.1	1959 1970 1959 1995 1958 1958 1993	1998 1997 1997 1996 1994 1994 1997	PROGAS RIOALTO AEC PRODUCTION DECLINE OIL DEPLETED CONWEST PANALTA RIOALTO CHEL TALISMA DIRECT PROGAS PRODUCTION DECLINE TOP/BASE TVD PANALTA BEAU SECONDARY GAS CAP PRODUCING, GPP PANALTA BEAU SECONDARY GAS CAP PRODUCING, GPP SHELL CHEVRON GPP, DEEP CUT SL
2.15 6.25	0.160 0.150	0.65 0.80	6 750 12 700	42 60	0.832 0.816	0.72 0.68	1 172.2 1 669.2	1981 1978 1978	1996 1995 1996	DEEP CUT SL PRODUCTION DECLINE DEEP CUT SL CRESTAR CONWEST AMOCO CHEL HUSKY TCPL DEEP CUT SL CRESTAR TCPL PRODUCTION DECLINE DEEP CUT SL UNPACF AEC PROGAS PANALTA PRODUCTION DECLINE DEEP CUT SL PRODUCTION DECLINE DEEP CUT SL PRODUCTION DECLINE DEEP CUT SL CRESTAR CONWEST TCPL PROGAS PANALTA DEEP CUT SL DEEP CUT SL DEEP CUT SL CRESTAR CONWEST TCPL AMOCO DEEP CUT SL
7.13 3.43 1.20 1.59	0.115 0.121 0.130 0.092	0.75 0.60 0.65 0.65	11 310 10 910 13 890 13 870	60 55 51 68	0.833 0.823 0.846 0.866	0.67 0.67 0.61 0.64	1 615.3 1 452.8 1 834.9 1 876.3	1978 1978 1981 1977 1977	1998 1998 1998 1998 1998	
5.00 4.65	0.120 0.140	0.80 0.80	14 440 19 580	74 78	0.870 0.854	0.64 0.69	2 028.0 2 279.3	1979 1979 1979	1998 1998 1998	PART OF CDM POOL NO.1 DEEP CUT SL PART OF CDM POOL NO.1 DEEP CUT SL PART OF CDM POOL NO.1 DEEP CUT SL PART OF CDM POOL NO.1 PRODUCTION DECLINE DEEP CUT SL PART OF CDM POOL NO.1 DEEP CUT SL CONWEST RIGEL CHEL AMOCO AEC CRESTAR TCPL PROGAS PANALTA PART OF CDM POOL NO.1 DEEP CUT SL UNPACF AEC DEEP CUT SL RIGEL PROGAS PANALTA CRESTAR PROGAS TCPL PROGAS TOP/BASE TVD CNRL AEC AEC CRESTAR CONWEST RIGEL UNPACF PROGAS PANALTA TCPL MATERIAL BALANCE NONCOMMERCIAL OIL SUNCOR TOP/BASE TVD, DEEP CUT SL SUNCOR AEC
5.20 2.30 3.14	0.133 0.080 0.080	0.45 0.70 0.60	14 300 14 210 14 150	71 71 65	0.829 0.843 0.827	0.69 0.67 0.67	1 857.1 1 876.9 1 823.1	1980 1980 1977	1996 1997 1996	
5.45	0.053	0.70	18 180	87	0.899	0.62	2 358.0	1977 1977	1996 1998	
6.00 9.70 8.35 23.30 17.50 18.50 10.58	0.130 0.110 0.074 0.130 0.100 0.090 0.092	0.75 0.85 0.75 0.95 0.70 0.70 0.85	19 400 25 290 25 250 23 340 26 060 25 880 26 150	61 82 88 84 85 87 83	0.855 0.923 0.940 0.926 0.933 0.934 0.934	0.63 0.64 0.61 0.61 0.64 0.64 0.62	2 244.6 2 473.0 2 440.0 2 614.5 2 658.9 2 747.2 2 516.3	1995 1988 1992 1996 1994 1994 1977	1998 1994 1994 1997 1996 1996 1991	
6.29 5.70	0.137 0.220	0.85 0.90	27 560 27 940	93 89	0.968 0.960	0.59 0.60	2 693.0 2 870.3	1995 1996	1998 1997	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
SINCLAIR 074-12W6 (CONTINUED)									
OTHER	9 331			6 153	2 067	4 086		159 153	
TOTAL-SINCLAIR	41 496			28 677	15 464	13 213		506 677	
SIPHON (SA) 086-10W6									
TOTAL-SIPHON	30			22		22		829	
SKARO 057-19W4									
TOTAL-SKARO	239			156	6	150		5 651	
SKIFF 005-14W4									
TOTAL-SKIFF	47			17		17		662	
SLAVE 084-14W5									
SHUNDA B	434	0.85	0.10	332	100	232	37	8 677	2 229
OTHER	1 037			543	296	247		8 786	
TOTAL-SLAVE	1 471			875	396	479		17 463	
SMITH 071-25W4									
TOTAL-SMITH	2 022			1 214	587	627		23 465	
SMITH COULEE 004-11W4									
BOW ISLAND A	941	0.85	0.05	760			33		13 218
BOW ISLAND A	11	0.70	0.05	8			33		200
BOW ISLAND A TOTAL	952	0.85	0.05	768	745	23	33	763	
BOW ISLAND B	471	0.85	0.05	380	355	25	35	878	4 973
OTHER	254			174	59	115		4 152	
TOTAL-SMITH COULEE	1 677			1 322	1 159	163		5 793	
SMOKY (SA) 059-03W6									
TOTAL-SMOKY	101			73		73		2 834	
SNIPER LAKE 071-18W5									
BEAVERHILL LAKE SOLN	1 832	0.35	0.45	353	306	47	39	1 842	
TOTAL-SNIPE LAKE	1 832			353	306	47		1 842	
SNOWFALL 099-08W6									
SLAVE POINT B	669	0.90	0.15	512	114	398	41	16 135	829
OTHER	186			125	60	65		2 343	
TOTAL-SNOWFALL	855			637	174	463		18 478	
SOUNDING 030-09W4									
TOTAL-SOUNDING	1 266			793	713	80		3 006	
SOUSA 112-05W6									
BLUESKY A	1 162	0.50	0.05	552	467	85	38	3 211	13 327
OTHER	372			220	110	110		4 182	
TOTAL-SOUSA	1 534			772	577	195		7 393	
SPENCER 066-08W4									
TOTAL-SPENCER	49			29		29		1 075	
SPIERS 034-15W4									
TOTAL-SPIERS	872			610	344	266		10 003	
SPIRIT RIVER 078-07W6									
CHARLIE LAKE K SOLN	983	0.36	0.10	319b			39		
HALFWAY F ASSOC	41	0.75	0.10	28b			39		200
CHARLIE LK K & HALF F TOTAL	1 024	0.40	0.10	347b	323b	24	39	942	
OTHER	712			471	189	282		10 840	
TOTAL-SPIRIT RIVER	1 736			818	512	306		11 782	
SPRUCE GROVE 053-27W4									
TOTAL-SPRUCE GROVE	85			56	24	32		1 220	
SPUR 072-02W5									
WABISKAW A	793	0.70	0.05	527	498	29	37	1 074	2 728
OTHER	1 470			947	599	348		12 907	
TOTAL-SPUR	2 263			1 474	1 097	377		13 981	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.83	0.203	0.50	4 620	17	0.904	0.62	575.6	1976	1998	AEC CRESTAR
0.96	0.192	0.55	4 860	19	0.917	0.61	618.2	1947	1996	MATERIAL BALANCE
0.90	0.190	0.60	4 650	8	0.908	0.61	623.3	1947	1998	ASSIGNED WELL 00/6-16-5-11W4
0.90	0.266	0.60	4 410	26	0.927	0.59	648.7	1947	1998	CNRL CMG IOL CRESTAR
										CRESTAR IOL CMG PRODUCTION DECLINE
						0.81		1962	1998	POCO TCPL GPP
5.51	0.092	0.80	23 440	109	0.877	0.83	2 248.4	1986	1998	PANALTA TALISMA
2.40	0.230	0.50	2 620	11	0.939	0.58	220.2	1974	1998	TALISMA PANALTA PRODUCTION DECLINE
2.10	0.100	0.75	12 930	59	0.849	0.62	1 410.3	1983	1995	GPP
						0.62		1983	1988	
								1983	1995	UNPACF PANALTA PIONEER GPP
2.79	0.263	0.75	3 340	23	0.938	0.57	573.1	1979	1996	WASCANA AEC CNRL CNFRST AMOCO PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
ST ALBERT-BIG LAKE 054-25W4									
GLAUCONITIC A	423	0.60	0.10	229			38		300
GLAUCONITIC B	390	0.60	0.10	211			38		300
GLAUCONITIC C	457	0.60	0.10	247			38		300
GLAUCONITIC A,B & C TOTAL	1 270	0.60	0.10	687	6	681	38	25 912	
GLAUCONITIC D	293	0.60	0.10	158			38		300
GLAUCONITIC E	380	0.60	0.10	205			38		300
GLAUCONITIC F	283	0.60	0.10	153			38		300
GLAUCONITIC D,E & F TOTAL	956	0.60	0.10	516		516	38	19 634	
OSTRACOD A	3 429	0.85	0.15	2 478	2 400	78	39	3 045	3 074
BASAL QUARTZ B	692	0.85	0.15	500	92	408	39	15 912	404
OTHER	1 436			679	149	530		20 277	
TOTAL-ST ALBERT-BIG LAKE	7 783			4 860	2 647	2 213		84 780	
ST ANNE 054-04W5									
TOTAL-ST ANNE	615			362	205	157		6 182	
ST PAUL 058-09W4									
UPPER MANNVILLE A	750	0.80	0.05	570	514	56	37	2 097	1 583
OTHER	1 503			869	502	367		13 598	
TOTAL-ST PAUL	2 253			1 439	1 016	423		15 695	
STANDARD 026-22W4									
VIKING A	475	0.75	0.10	320			38		2 546
GLAUCONITIC A	60	0.75	0.05	43			38		448
ELLERSLIE A	40	0.75	0.10	27			39		300
VIK A, GLC A & ELRS A TOTAL	575	0.75	0.10	390	255	135	38	5 150	
OTHER	792			507	150	357		13 098	
TOTAL-STANDARD	1 367			897	405	492		18 248	
STANMORE 029-11W4									
VIKING A		0.70	0.05				38		12 191
VIKING B		0.70	0.05				37		2 383
UPPER MANNVILLE Z		0.75	0.10				39		2 526
VIK AB, UMN Z & LMN L TOTAL	3 200	0.75	0.05	2 256	2 045	211	38	7 936	
UPPER MANNVILLE T	475	0.80	0.10	342	299	43	37	1 576	288
OTHER	6 006			3 895	2 040	1 855		70 632	
TOTAL-STANMORE	9 681			6 493	4 384	2 109		80 144	
STEELE 066-25W4									
UPPER MANNVILLE G		0.70	0.05				38		363
UPPER MANNVILLE G		0.75	0.05				38		150
UPPER MANNVILLE G TOTAL	571	0.70	0.05	380	374	6	38	226	
UPPER MANNVILLE B	42	0.70	0.05	28			38		260
GRAND RAPIDS R	834	0.75	0.05	595			36		523
U MANN B & GRD RP R TOTAL	876	0.75	0.05	623	424	199	36	7 226	
WABAMUN F	541	0.70	0.05	360	360	< 1	38	-	1 174
OTHER	2 993			1 939	1 163	776		29 182	
TOTAL-STEELE	4 981			3 302	2 321	981		36 634	
STEEN 108-01W6									
TOTAL-STEEN	139			73		73		2 651	
STETTTLER 038-20W4									
TOTAL-STETTTLER	1 172			362	296	66		2 585	
STETTTLER NORTH 039-19W4									
LOWER MANNVILLE B	574	0.73	0.10	377	371	6	39	233	595
OTHER	590			361	61	300		11 356	
TOTAL-STETTTLER NORTH	1 164			738	432	306		11 589	
STEVE 059-07W4									
TOTAL-STEVE	923			594	507	87		3 317	
STEWART 032-28W4									
TOTAL-STEWART	788			500	363	137		5 479	
STIRLING 007-19W4									
BOW ISLAND A	812	0.85	0.05	656	524	132	37	4 881	5 584

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
11.10	0.210	0.70	8 040	39	0.848	0.68	1 025.3	1952	1998	PROGAS
11.75	0.180	0.70	8 180	40	0.847	0.68	1 051.4	1952	1998	
11.45	0.180	0.70	10 050	49	0.841	0.68	1 073.0	1952	1998	
7.60	0.210	0.70	8 110	39	0.846	0.68	1 039.2	1957	1998	PROGAS
11.40	0.180	0.70	8 230	40	0.847	0.68	1 062.5	1957	1998	
8.40	0.180	0.70	8 330	41	0.847	0.68	1 081.4	1957	1998	
2.80	0.205	0.85	10 090	46	0.791	0.78	1 133.8	1952	1998	CHEVRON PROGAS PRODUCTION DECLINE
9.90	0.198	0.85	9 410	49	0.808	0.78	1 144.4	1952	1992	
3.52	0.292	0.75	2 990	22	0.936	0.57	479.0	1947	1995	MARATHN UNPACF CNRL PANALTA PRODUCTION DECLINE
2.14	0.190	0.55	7 990	42	0.865	0.63	1 279.4	1956	1997	TCPL PANCDN
1.19	0.179	0.60	10 170	48	0.856	0.62	1 464.3	1964	1997	
1.50	0.150	0.55	10 470	55	0.848	0.66	1 490.9	1995	1996	
2.14	0.234	0.55	7 200	35	0.877	0.60	865.8	1961	1997	PRODUCTION DECLINE
1.49	0.267	0.50	7 320	32	0.876	0.59	883.1	1961	1997	PRODUCTION DECLINE
1.70	0.229	0.65	9 460	38	0.822	0.66	1 045.5	1970	1997	PRODUCTION DECLINE
6.98	0.248	0.80	9 470	41	0.842	0.67	1 046.4	1979	1995	SUMMIT MARATHN GULF AMOCO CNRL IOL PROGAS TCPL ENGAGE CRESTAR OIL DEPLETED GULF CNRL CRESTAR PROGAS TCPL PRODUCTION DECLINE
5.89	0.274	0.85	4 570	21	0.906	0.59	594.8	1991	1996	PRODUCTION DECLINE
1.00	0.250	0.50	3 860	24	0.923	0.59	579.0	1991	1996	PRODUCTION DECLINE
1.64	0.271	0.60	5 760	30	0.896	0.59	757.2	1988	1993	RENENER TCPL
13.06	0.301	0.80	4 760	21	0.908	0.59	625.3	1988	1992	SLUSH OIL
7.25	0.167	0.65	4 120	31	0.923	0.60	667.2	1975	1998	SLUSH OIL RENENER SLUSH OIL
3.65	0.207	0.80	9 600	56	0.869	0.65	1 339.1	1975	1998	GARDNER TCPL CNFRST MATERIAL BALANCE NONCOMMERCIAL OIL
2.62	0.204	0.65	3 340	30	0.943	0.57	781.5	1957	1997	TCPL CWNGNU PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
STIRLING 007-19W4 (CONTINUED)									
OTHER	42			24		24		799	
TOTAL-STIRLING	854			680	524	156		5 680	
STOLBERG 042-15W5									
RUNDLE A		0.50	0.10				39		1 024
RUNDLE B		0.50	0.15				39		2 754
RUNDLE C		0.50	0.15				39		200
RUNDLE D		0.50	0.10				39		2 022
RUNDLE A,B,C & D TOTAL	8 700	0.50	0.10	3 872	2 633	1 239	39	48 185	
RUNDLE E	924	0.45	0.10	374			39		400
RUNDLE F	768	0.45	0.10	311			39		335
RUNDLE G	565	0.50	0.15	241			39		440
RUNDLE E, F & G TOTAL	2 257	0.45	0.10	926	837	89	39	3 457	
TOTAL-STOLBERG	10 957			4 798	3 470	1 328		51 642	
STRACHAN 037-09W5									
GLAUCONITIC B	1 150	0.80	0.10	828	802	26	40	1 029	2 041
GLAUCONITIC D	573	0.80	0.05	435	427	8	39	314	1 522
GLAUCONITIC G	467	0.75	0.10	315	298	17	40	673	150
D-3 A	40 212	0.90	0.25	27 143	26 671	472	39	18 498	1 923
D-3 B	538	0.93	0.15	425	416	9	38	342	645
D-3 C	2 890	0.60	0.20	1 387	1 387	< 1	39	-	959
OTHER	2 747			1 847	546	1 301		51 796	
TOTAL-STRACHAN	48 577			32 380	30 547	1 833		72 652	
STRATHMORE 024-25W4									
BELLY RIVER A	6 110	0.75	0.05	4 354	3 525	829	37	30 524	13 763
VIKING B	540	0.88	0.05	451	388	63	36	2 298	2 436
OTHER	3 305			1 915	634	1 281		47 755	
TOTAL-STRATHMORE	9 955			6 720	4 547	2 173		80 577	
STROME 044-16W4									
ELLERSLIE H	453	0.75	0.10	306	229	77	38	2 890	914
ELLERSLIE K	863	0.75	0.15	550	483	67	38	2 551	1 341
OTHER	2 410			1 480	602	878		32 623	
TOTAL-STROME	3 726			2 336	1 314	1 022		38 064	
STRY 058-13W4									
UPPER MANNVILLE A		0.50	0.05				37		4 115
UPPER MANNVILLE B		0.50	0.05				37		437
UPPER MANNVILLE A & B TOTAL	640	0.50	0.05	304	298	6	37	224	
OTHER	944			674	481	193		7 227	
TOTAL-STRY	1 584			978	779	199		7 451	
STURGEON LAKE 071-23W5									
D-3 SOLN	2 487	0.65	0.45	889	189	700	39	27 335	
OTHER	80			48	1	47		1 830	
TOTAL-STURGEON LAKE	2 567			937	190	747		29 165	
STURGEON LAKE SOUTH 069-22W5									
TRIASSIC F SOLN	626	0.65	0.10	366 ^b			40		
TRIASSIC F ASSOC	2	0.70	0.10	1 ^b	93 ^b	274	40	10 894	200
D-3 SOLN	8 967	0.65	0.45	3 206 ^b			37		
D-3 ASSOC	333	0.85	0.20	226 ^b	2 412 ^b	1 020	37	37 934	226
OTHER	2 125			1 038	316	722		27 828	
TOTAL-STURGEON LAKE SOUTH	12 053			4 837	2 821	2 016		76 656	
SUFFIELD 018-06W4									
MILK RIVER A	34 019	0.70	0.05	22 622			36		261 713
MEDICINE HAT A	16 974	0.70	0.05	11 288			36		224 904

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
24.06	0.053	0.85	27 740	99	0.954	0.64	3 436.9	1957	1995	PRODUCTION DECLINE TOP/BASE TVD. SLUSH OIL PRODUCTION DECLINE SLUSH OIL PRODUCTION DECLINE TOP/BASE TVD. SLUSH OIL PRODUCTION DECLINE TOP/BASE TVD. SLUSH OIL MOBIL TALISMA AMOCO PANALTA TCPL SLUSH OIL
15.90	0.049	0.85	33 010	100	0.999	0.65	3 788.8	1957	1995	
13.10	0.050	0.85	38 860	108	1.058	0.65	4 113.5	1957	1995	
11.18	0.055	0.85	31 540	95	0.984	0.64	3 864.0	1974	1995	
21.30	0.052	0.85	31 770	99	0.990	0.63	3 386.1	1976	1997	
19.27	0.058	0.85	32 310	106	1.004	0.62	3 769.5	1976	1997	
12.60	0.050	0.85	33 400	117	1.016	0.64	3 892.5	1974	1984	
								1974	1997	AEL MOBIL TALISMA PANALTA TCPL AMOCO
4.18	0.075	0.70	32 110	92	0.976	0.65	3 013.4	1981	1998	PCOG ENRMARK UNPACF GULF TALISMA AMOCO HUSKY TCPL PROGAS PRODUCTION DECLINE ENRMARK PANALTA GULF HUSKY TCPL IOL PROGAS PRODUCTION DECLINE PANALTA TCPL IOL PROGAS PRODUCTION DECLINE TOP/BASE TVD PCOG PANALTA HUSKY TCPL MATERIAL BALANCE TOP/BASE TVD HUSKY MATERIAL BALANCE TOP/BASE TVD
3.12	0.100	0.70	31 460	98	0.981	0.64	3 008.9	1972	1997	
6.61	0.070	0.80	25 460	89	0.908	0.68	3 333.5	1985	1994	
113.85	0.082	0.90	49 300	112	1.150	0.76	4 101.5	1967	1996	
51.51	0.031	0.80	49 190	110	1.160	0.64	4 097.9	1970	1997	
22.78	0.080	0.80	31 410	116	0.964	0.75	3 712.6	1972	1998	
7.59	0.211	0.60	3 210	30	0.940	0.61	890.4	1962	1996	ENGAGE PANCDN CWNGNUL PIONEER MATERIAL BALANCE PANCDN CWNGNUL PRODUCTION DECLINE
1.00	0.151	0.65	7 710	46	0.890	0.62	1 475.4	1975	1998	
4.61	0.240	0.80	7 340	42	0.878	0.67	1 026.1	1969	1998	TCPL CNRL PRODUCTION DECLINE SIGNALT TCPL RENENER CNRL PRODUCTION DECLINE
6.98	0.247	0.75	7 260	44	0.873	0.69	1 040.8	1980	1997	
2.95	0.327	0.60	4 050	24	0.924	0.56	616.2	1970	1995	PRODUCTION DECLINE PRODUCTION DECLINE WASCANA CNRL SASKEN TCPL
1.60	0.336	0.60	3 790	24	0.927	0.58	523.3	1974	1995	
								1970	1995	
						0.85		1952	1998	PCOG TCPL GPP
0.10	0.140	0.50	13 500	64	0.827	0.67	1 768.8	1995	1997	CRESTAR CONCURRENT PRODUCTION CRESTAR CONCURRENT PRODUCTION CRESTAR TCPL PCOG PANALTA BEAU UNOCAL TALISMA GARDNER POCD GPP CRESTAR TCPL PCOG PANALTA BEAU UNOCAL TALISMA GARDNER POCD GPP
						0.67		1995	1997	
						0.78		1953	1997	
17.85	0.044	0.80	26 710	86	0.903	0.78	2 518.5	1953	1997	
7.80	0.154	0.55	3 140	16	0.938	0.56	355.2	1910	1996	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.1 PRODUCTION DECLINE
1.70	0.170	0.55	4 310	17	0.916	0.56	434.9	1904	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
SUFFIELD 018-06W4 (CONTINUED)									
MEDICINE HAT C	3 202	0.50	0.05	1 521			36		99 187
MEDICINE HAT D	2 522	0.50	0.05	1 198			36		55 978
SECOND WHITE SPECKS A	16 572	0.60	0.05	9 446			36		155 758
SE ALTA GAS SYS(MU) TOTAL	73 289	0.65	0.05	46 075	34 920	11 155	36	406 823	
BOW ISLAND N	965	0.60	0.05	550	47	503	36	18 329	877
UPPER MANNVILLE A ASSOC		0.65	0.05				36		833
UPPER MANNVILLE A SOLN	1 749	0.65	0.10	1 023b			36		384
UPPER MANNVILLE A ASSOC		0.65	0.05				36		20
UPPER MANNVILLE A ASSOC		0.65	0.05				36		
UPPER MANNVILLE A ASSOC		0.65	0.05				36		15
UPPER MANNVILLE A TOTAL	2 060	0.65	0.10	1 215b	141b	1 074	36	38 589	
UPPER MANNVILLE I	1 684	0.80	0.05	1 280	-705	1 985	37	72 572	2 540
UPPER MANNVILLE J ASSOC	9	0.75	0.05	7b			36		8
UPPER MANNVILLE J SOLN	953	0.65	0.05	588b			36		
UPPER MANNVILLE J ASSOC	40	0.75	0.05	29b			36		64
UPPER MANNVILLE J ASSOC	3	0.70	0.05	2b			36		16
UPPER MANNVILLE J ASSOC	4	0.70	0.05	3b			36		16
UPPER MANNVILLE J TOTAL	1 009	0.65	0.05	629b	160b	469	36	16 936	
OTHER	4 412			2 998	943	2 055		74 267	
TOTAL-SUFFIELD	83 419			52 747	35 506	17 241		627 516	
SUGDEN 062-10W4									
VIKING A	4 015	0.40	0.05	1 526	28	1 498	37	56 115	67 678
COLONY D	654	0.80	0.05	497	442	55	37	2 060	1 515
COLONY S	497	0.75	0.05	354	256	98	37	3 649	1 819
GRAND RAPIDS J		0.65	0.05				37		1 529
GRAND RAPIDS K		0.65	0.05				38		413
GRAND RAPIDS J & K TOTAL	615	0.65	0.05	380	341	39	37	1 459	
GRAND RAPIDS A	548	0.75	0.05	390			37		5 257
GRAND RAPIDS I	118	0.65	0.05	73			37		1 563
GRAND RAPIDS O	44	0.60	0.05	25			37		200
GRAND RAPIDS A,I & O TOTAL	710	0.70	0.05	488	293	195	37	7 225	
MCMURRAY C	533	0.75	0.05	380	346	34	37	1 262	800
OTHER	9 785			5 896	3 866	2 030		75 752	
TOTAL-SUGDEN	16 809			9 521	5 572	3 949		147 522	
SULLIVAN LAKE 035-13W4									
BELLY RIVER A	626	0.75	0.05	447			37		2 085
BELLY RIVER B	52	0.70	0.05	34			37		487
VIKING A	276	0.40	0.05	105			38		3 963
VIKING B	258	0.40	0.05	98			38		2 474
VIKING C	46	0.40	0.05	17			38		1 181
VIKING F	42	0.40	0.05	16			38		1 727
BR A,B,VIK A,B,C & F TOTAL	1 300	0.60	0.05	717	661	56	37	2 082	
OTHER	879			641	357	284		10 647	
TOTAL-SULLIVAN LAKE	2 179			1 358	1 018	340		12 729	
SUNCHILD 043-11W5									
ELKTON - SHUNDA A	45	0.75	0.10	31			38		128
ELKTON - SHUNDA A	775	0.85	0.15	560			39		2 157
ELKTON - SHUNDA A	376	0.85	0.15	272			39		1 468
ELKTON-SHUNDA A TOTAL	1 196	0.85	0.15	863	680	183	39	7 119	
OTHER	755			490	396	94		3 710	
TOTAL-SUNCHILD	1 951			1 353	1 076	277		10 829	
SUNDANCE 054-21W5									
VIKING A	3 028	0.90	0.05	2 589	2 569	20	40	795	2 554
TRIASSIC A	576	0.85	0.10	441	305	136	36	4 938	718
OTHER	1 082			736	249	487		19 402	
TOTAL-SUNDANCE	4 686			3 766	3 123	643		25 135	
SUNNYNOOK 026-10W4									
UPPER MANNVILLE B	690	0.85	0.05	558	108	450	38	17 037	1 390
UPPER MANNVILLE U	434	0.85	0.05	351	16	335	38	12 603	450

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.79	0.139	0.60	4 450	19	0.916	0.56	412.3	1973	1996	PART OF MED HAT POOL NO.3 PRODUCTION DECLINE
1.12	0.139	0.60	4 450	19	0.916	0.56	435.1	1973	1996	PART OF MED HAT POOL NO.4 PRODUCTION DECLINE
1.34	0.216	0.60	5 690	27	0.904	0.56	623.0	1944 1904	1996 1996	PART OF 2WS POOL NO.1 PRODUCTION DECLINE PROGAS BEAU NRTHSTR CNRL CRESTAR POCO AEC RENENER PANALTA CWNGNUL TCPL
2.14	0.269	0.65	7 490	32	0.881	0.59	813.5	1977	1996	PANALTA PRODUCTION DECLINE GAS STORAGE
3.05	0.250	0.80	10 470	36	0.857	0.59	940.3	1976 1991	1996 1991	PRODUCTION DECLINE CONCURRENT PRODUCTION PRODUCTION DECLINE CONCURRENT PRODUCTION
4.37	0.251	0.75	10 160	32	0.855	0.59	948.2	1976	1990	PRODUCTION DECLINE
1.22	0.240	0.60	10 160	32	0.843	0.62	927.8	1976	1990	PRODUCTION DECLINE ASSIGNED WELL 04-02-020-07W4M
2.07	0.260	0.65	10 240	36	0.862	0.59	951.8	1976	1995	PRODUCTION DECLINE CONCURRENT PRODUCTION
3.83	0.235	0.75	10 480	28	0.839	0.59	974.4	1974	1994	BEAU RENENER CONCURRENT PRODUCTION
5.20	0.270	0.80	9 340	35	0.865	0.59	889.4	1966 1991	1996 1991	MATERIAL BALANCE NONCOMMERCIAL OIL GPP
3.27	0.268	0.70	9 320	31	0.859	0.59	941.6	1966	1996	GPP
1.20	0.290	0.60	7 510	35	0.885	0.60	922.6	1966	1996	TP/BS TVD, AS WELL CO/16-21-020-08W4M
2.20	0.230	0.65	8 150	36	0.877	0.60	942.9	1966 1996	1996 1998	ASSIGNED WELL OO/4-27-19-8W4M CRESTAR RENENER GPP
1.54	0.241	0.50	3 040	15	0.939	0.57	324.3	1949	1991	UNPACF WASCANA CNRL TCPL PROGAS POCO AMOCO PANALTA DIRECT CNWE CWNGNUL SASKEN PART OF VIK POOL NO.6
3.90	0.295	0.80	2 470	17	0.950	0.57	322.1	1973	1997	DIRECT PROGAS MATERIAL BALANCE
4.32	0.308	0.80	2 480	16	0.950	0.56	376.2	1978	1996	WASCANA CNRL PANALTA
3.61	0.289	0.65	2 590	15	0.946	0.56	338.7	1971	1989	PRODUCTION DECLINE
2.30	0.304	0.60	2 590	16	0.945	0.57	350.1	1971	1989	PRODUCTION DECLINE
2.06	0.316	0.60	2 620	21	0.950	0.56	339.5	1971	1995	TCPL PROGAS PANALTA
1.44	0.300	0.65	2 600	18	0.949	0.56	318.0	1974	1995	
3.96	0.300	0.85	2 090	15	0.957	0.57	320.5	1977	1995	
2.09	0.301	0.75	3 340	19	0.935	0.56	450.1	1974	1997	TCPL PROGAS PANALTA SASKEN AMOCO SASKEN PROGAS PRODUCTION DECLINE
4.96	0.339	0.55	3 100	16	0.939	0.56	437.6	1967	1987	
2.49	0.270	0.50	3 050	16	0.940	0.56	420.9	1976	1987	
0.89	0.230	0.55	5 900	30	0.895	0.59	954.0	1967	1995	
1.16	0.241	0.60	5 900	29	0.894	0.59	964.6	1967	1995	
0.58	0.196	0.55	5 900	30	0.895	0.59	958.0	1967	1995	
0.47	0.164	0.50	6 070	36	0.892	0.61	961.3	1967 1967	1987 1998	TCPL NRTHSTR
2.44	0.080	0.85	26 100	104	0.926	0.73	2 899.0	1969	1987	
2.92	0.080	0.80	24 210	108	0.940	0.65	2 934.9	1969	1993	
1.95	0.077	0.85	26 100	113	0.959	0.65	2 933.1	1969	1993	
										GULF TALISMA TCPL PROGAS
4.52	0.145	0.80	30 430	96	0.962	0.67	2 727.3	1971	1996	AEL POCO CDNRST TALISMA PANALTA IOL PRODUCTION DECLINE SLUSH OIL
1.59	0.076	0.75	27 800	86	0.970	0.60	3 230.4	1974	1996	TCPL PRODUCTION DECLINE
4.24	0.227	0.55	8 700	36	0.854	0.61	1 014.5	1985	1997	CNRL PAWTUCK
9.07	0.240	0.55	7 600	36	0.868	0.62	936.8	1995	1997	CNRL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
SUNNYNOOK 026-10W4 (CONTINUED)									
BASAL MANNVILLE J	545	0.90	0.05	466	246	220	38	8 287	903
BASAL MANNVILLE V	605	0.85	0.05	488	197	291	37	10 857	988
OTHER	5 031			3 554	1 523	2 031		76 044	
TOTAL-SUNNYNOOK	7 305			5 417	2 090	3 327		124 828	
SUNSET 069-19W5									
TOTAL-SUNSET	277			192	143	49		1 901	
SUPERBA 026-04W4									
GLAUCONITIC B	1 125	0.80	0.05	855	751	104	37	3 845	1 677
OTHER	943			656	328	328		12 144	
TOTAL-SUPERBA	2 068			1 511	1 079	432		15 989	
SUTTON 091-03W6									
GETH 092-03	701	0.80	0.05	533		533	37	19 977	2 162
DEBOLT A	838	0.80	0.05	637	533	104	36	3 793	3 668
OTHER	152			94	45	49		1 801	
TOTAL-SUTTON	1 691			1 264	578	686		25 571	
SWALWELL 029-24W4									
VIKING A	1 100	0.80	0.10	792	759	33	39	1 289	4 658
PEKISKO A SOLN	120	0.65	0.10	70 ^b			39		
PEKISKO A ASSOC	609	0.75	0.10	411 ^b	338 ^b	143	39	5 513	1 910
OTHER	3 283			1 946	683	1 263		45 976	
TOTAL-SWALWELL	5 112			3 219	1 780	1 439		52 778	
SWAN HILLS 068-10W5									
BEAVERHILL LAKE C SOLN	7 854	0.34	0.45	1 469	631	838	41	34 274	
BEAVERHILL LAKE A ASSOC		0.70	0.35				42		
BEAVERHILL LAKE A SOLN	29 057	0.42	0.35	7 933 ^b			42		
BEAVERHILL LAKE A&B TOTAL	29 057	0.40	0.35	7 933 ^b	7 426 ^b	507	42	21 446	
TOTAL-SWAN HILLS	36 911			9 402	8 057	1 345		55 720	
SWAN HILLS SOUTH 065-10W5									
BEAVERHILL LAKE A ASSOC		0.65	0.25				44		
BEAVERHILL LAKE A SOLN	24 309	0.47	0.35	7 426 ^b			44		
BEAVERHILL LAKE A&B TOTAL	24 309	0.45	0.35	7 426 ^b	5 195 ^b	2 231	44	97 383	
OTHER	111			75		75		2 912	
TOTAL-SWAN HILLS SOUTH	24 420			7 501	5 195	2 306		100 295	
SWEETGRASS 001-15W4									
TOTAL-SWEETGRASS	24			16	16				
SWIMMING 052-06W4									
TOTAL-SWIMMING	666			433	264	169		6 218	
SYLVAN LAKE 037-03W5									
VIKING A ASSOC	233	0.70	0.10	147 ^b			40		200
VIKING A SOLN	288	0.65	0.15	159 ^b			40		
VIKING A, O & S TOTAL	521	0.65	0.15	306 ^b	301 ^b	5	40	201	
GLAUCONITIC A		0.85	0.10				40		5 326
LOWER MANNVILLE D	405	0.85	0.10	310			40		354
LOWER MANNVILLE O		0.85	0.10				40		200
SHUNDA A		0.85	0.10				40		242
GLC A,L MN D,O&SHUN A TOTAL	9 412	0.85	0.10	7 088	6 778	310	40	12 313	
GLAUCONITIC I		0.75	0.10				40		150
LOWER MANNVILLE X		0.75	0.10				40		300
LOWER MANNVILLE DD		0.75	0.10				40		4 480
BASAL QUARTZ A SOLN	54	0.65	0.40	21			40		
GLAUC & LMANN MU#1 TOTAL	1 150	0.80	0.10	810	638	172	40	6 828	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
3.29 3.35	0.262 0.249	0.65 0.65	9 960 10 100	35 29	0.853 0.842	0.58 0.58	1 039.3 996.1	1985 1980	1996 1997	PROGAS HUSKY
2.96	0.297	0.70	7 530	36	0.884	0.58	926.5	1951	1998	CRESTAR PANALTA CANST RENENER TCPL PRODUCTION DECLINE
5.73 2.88	0.215 0.189	0.45 0.60	5 640 5 270	30 27	0.905 0.908	0.56 0.58	771.8 762.8	1972 1972	1997 1995	CRESTAR UNPACF BLUERGER POCO PANALTA AMOCO CRESTAR RENENER PRODUCTION DECLINE
1.92 5.86	0.146 0.074	0.55 0.70	8 160 10 260	54 59	0.865 0.837	0.66 0.71	1 396.6 1 636.7	1963 1963	1997 1996	DUKE PIONEER BEAU TCPL PRODUCTION DECLINE PIONEER BEAU TALISMA POCO TCPL AMOCO CONCURRENT PRODUCTION PIONEER BEAU TALISMA POCO TCPL AMOCO CONCURRENT PRODUCTION
						0.83		1958	1998	WASCANA TALISMA PANALTA AMOCO PIONEER DEEP CUT SL
						0.94 0.94		1957 1957 1957	1998 1998 1998	MU-BVHL LK A&B, GPP, DEEP CUT SL MU-BVHL LK A&B, GPP, DEEP CUT SL AEL POCO MOBIL TALISMA GARDNER PANALTA AMOCO PIONEER GPP, DEEP CUT SL
						0.88 0.88		1959 1959 1959	1995 1995 1995	MU-BVHL LK A&B, DRY GAS BREAKTHRU, GPP MU-BVHL LK A&B, DRY GAS BREAKTHRU, GPP AEL POCO WASCANA AMOCO GAS BREAKTHRU, GPP
0.76	0.110	0.65	15 170	69	0.805	0.73 0.73	1 909.7	1962 1962 1962	1996 1996 1994	PRODUCTION DECLINE SOLN MU-VIK A,O&S, CONC PROD PRODUCTION DECLINE SOLN MU-VIK A,O&S, CONC PROD CRESTAR RENENER POCO PCOG UNPACF AMOCO DIRECT BLUERGER PANCDN TCPL CONCURRENT PRODUCTION
9.12 4.24 3.66 3.19	0.127 0.130 0.120 0.090	0.75 0.70 0.75 0.75	16 780 16 660 16 500 16 780	70 75 64 70	0.819 0.819 0.805 0.819	0.72 0.74 0.71 0.71	2 120.7 2 119.2 2 119.3 2 092.4	1953 1960 1976 1953	1995 1995 1995 1995	MATERIAL BALANCE MATERIAL BALANCE MATERIAL BALANCE MATERIAL BALANCE
0.50 1.65 3.29	0.095 0.105 0.128	0.65 0.75 0.80	17 130 17 150 20 340	75 73 71	0.825 0.820 0.845	0.73 0.73 0.68 0.70	2 369.8 2 419.4 2 402.9	1988 1987 1963 1963	1995 1995 1995 1995	CHEVRON CRESTAR CONWEST PCOG PANALTA UNPACF BLUERGER TCPL DIRECT MATERIAL BALANCE MATERIAL BALANCE MATERIAL BALANCE GPP CRESTAR TCPL PROGAS PANALTA APACHE AMOCO GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
SYLVAN LAKE 037-03W5 (CONTINUED)									
LOWER MANNVILLE A	1 715	0.85	0.15	1 239	1 130	109	41	4 460	1 030
LOWER MANNVILLE H	589	0.85	0.10	451	396	55	39	2 171	581
OSTRACOD J	47	0.75	0.10	32			40		602
OSTRACOD K	1 066	0.80	0.10	768			40		4 359
OSTRACOD N	353	0.85	0.10	270			40		400
OSTRACOD O	16	0.75	0.10	11			40		128
LOWER MANNVILLE BB	292	0.75	0.10	197			40		612
OST JKNO & LMANN BB TOTAL	1 774	0.80	0.10	1 278	592	686	40	27 378	
JURASSIC A ASSOC	379	0.90	0.10	307b			39		440
JURASSIC A SOLN	432	0.65	0.15	239b			39		
JURASSIC A ASSOC	3	0.90	0.10	3b			39		12
JURASSIC A ASSOC	94	0.70	0.10	59b			39		158
JURASSIC A	101	0.70	0.15	60b			41		200
JURASSIC A ASSOC	10	0.90	0.10	8b			39		40
JURASSIC A ASSOC	41	0.90	0.10	33b			39		51
JURASSIC A ASSOC	15	0.75	0.10	10b			39		34
JURASSIC A ASSOC	104	0.75	0.10	70b			39		100
JURASSIC A ASSOC	35	0.70	0.10	23b			39		64
JURASSIC A TOTAL	1 214	0.75	0.10	812b	511b	301	39	11 727	
JURASSIC HH	1 396	0.85	0.10	1 068	1 009	59	40	2 341	364
ELKTON - SHUNDA A	1 875	0.80	0.10	1 350	1 330	20	40	791	1 717
ELKTON - SHUNDA D ASSOC	136	0.75	0.20	82b			44		25
ELKTON - SHUNDA D SOLN	1 258	0.65	0.20	654b			44		
ELKTON - SHUNDA D ASSOC	36	0.70	0.20	20b			44		50
ELKTON - SHUNDA D ASSOC	37	0.75	0.20	22b			44		25
ELKTON - SHUNDA D TOTAL	1 467	0.65	0.20	778b	693b	85	44	3 699	
ELKTON-SHUNDA M	454	0.85	0.10	347	46	301	40	11 947	200
ELKTON - SHUNDA B		0.87	0.10				40		983
PEKISKO N ASSOC		0.85	0.10				40		1 083
PEKISKO N SOLN	184	0.65	0.10	108b			40		
ELTN-SHUN B & PEK N TOTAL	3 196	0.85	0.10	2 412b	2 235b	177	40	7 075	
SHUNDA B	589	0.90	0.10	477	27	450	39	17 726	785
PEKISKO B ASSOC		0.90	0.10				38		755
PEKISKO B SOLN	943	0.35	0.58	139b			38		
PEKISKO B ASSOC		0.70	0.10				38		17
PEKISKO B TOTAL	1 612	0.55	0.25	675b	660b	15	38	577	
D-3 A SOLN	215	0.20	0.35	28b			39		
D-3 A ASSOC	1 132	0.50	0.11	504b	425b	107	39	4 177	765
OTHER	14 798			9 104	3 280	5 824		232 637	
TOTAL-SYLVAN LAKE	43 109			28 727	20 051	8 676		346 048	
TABER 009-17W4									
TOTAL-TABER	752			392	186	206		7 650	
TABER NORTH 011-16W4									
TOTAL-TABER NORTH	1 002			363	99	264		10 162	
TABER SOUTH 007-16W4									
BOW ISLAND A	405	0.90	0.05	347	273	74	35	2 591	7 806
OTHER	1 000			536	285	251		8 948	
TOTAL-TABER SOUTH	1 405			883	558	325		11 539	
TABER SOUTHEAST 008-15W4									
TOTAL-TABER SOUTHEAST	10			5		5		195	
TALBOT LAKE 096-10W5									
TOTAL-TALBOT LAKE	858			461	297	164		6 011	
TANGENT 080-24W5									
PEACE RIVER A	685	0.60	0.05	390	387	3	37	112	2 671
OTHER	2 437			1 622	719	903		34 014	
TOTAL-TANGENT	3 122			2 012	1 106	906		34 126	
TANGHE (SA) 102-10W6									
TOTAL-TANGHE	69			43		43		1 565	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.93	0.122	0.75	16 970	70	0.817	0.73	2 172.6	1962	1997	TCPL PRODUCTION DECLINE
7.08	0.129	0.90	16 830	75	0.843	0.69	2 113.0	1973	1998	UNPACF TCPL PRODUCTION DECLINE
0.53	0.107	0.65	21 980	74	0.846	0.71	2 346.5	1969	1989	SLUSH OIL
1.63	0.118	0.70	18 600	79	0.827	0.74	2 355.0	1969	1997	
4.40	0.143	0.80	18 680	80	0.859	0.67	2 386.4	1980	1997	
0.60	0.150	0.70	20 530	79	0.847	0.71	2 332.3	1972	1996	
3.53	0.104	0.70	19 420	81	0.839	0.73	2 420.6	1980	1997	
								1969	1990	CONWEST AEL RIGEL ENRMARK BEAU UNPACF CRESTAR PROGAS PANALTA APACHE TCPL IOL AMOCO CONCURRENT PRODUCTION CONCURRENT PRODUCTION
4.53	0.149	0.75	17 230	71	0.838	0.69	2 262.9	1962	1992	
1.42	0.120	0.70	18 590	71	0.840	0.69	2 291.7	1962	1997	
3.64	0.120	0.80	17 840	77	0.850	0.69	2 229.7	1962	1995	
3.70	0.130	0.65	16 000	71	0.822	0.73	2 297.9	1962	1997	ASSIGNED WELL OO/16-13-37-4W5
3.48	0.110	0.80	8 360	71	0.882	0.69	2 267.6	1962	1997	
4.39	0.160	0.70	16 600	71	0.837	0.69	2 266.5	1962	1997	
2.50	0.140	0.75	17 670	77	0.833	0.73	2 216.3	1962	1996	
3.50	0.210	0.80	18 210	78	0.833	0.74	2 260.6	1962	1995	ASSIGNED WELL OO/12-17-37-3W5M
3.44	0.130	0.70	17 650	71	0.838	0.69	2 214.7	1962	1996	
								1962	1997	CRESTAR BEAU TCPL GULF CONCURRENT PRODUCTION
6.01	0.111	0.75	17 000	70	0.823	0.71	2 175.6	1953	1998	TCPL PRODUCTION DECLINE
4.98	0.095	0.70	16 890	70	0.820	0.72	2 173.0	1955	1997	CRESTAR PANALTA TCPL PRODUCTION DECLINE
3.90	0.220	0.90	18 310	78	0.788	0.81	2 268.6	1962	1997	PRODUCTION DECLINE CONING G CAP, AS WELL 16-24-37-4W5,GPP
						0.81		1962	1997	PRODUCTION DECLINE CONING G CAP, AS WELL 16-24-37-4W5,GPP
3.85	0.131	0.80	17 440	78	0.786	0.81	2 279.5	1962	1997	
8.80	0.100	0.85	18 480	70	0.770	0.81	2 283.1	1962	1997	ASSIGNED WELL 16-24-037-04W5M
								1962	1997	CRESTAR TCPL PROGAS CONING GAS CAP, GPP
8.90	0.180	0.85	16 490	71	0.817	0.73	2 183.0	1997	1997	TCPL
12.59	0.135	0.75	17 030	71	0.817	0.73	2 146.4	1973	1996	PRODUCTION DECLINE
11.88	0.086	0.80	17 070	71	0.807	0.75	2 198.3	1972	1996	PRODUCTION DECLINE GPP
						0.75		1972	1996	PRODUCTION DECLINE GPP
								1972	1998	PANALTA CANST CRESTAR TCPL GPP
6.62	0.092	0.75	16 890	77	0.835	0.72	2 190.8	1953	1997	TCPL
5.47	0.114	0.60	16 960	77	0.845	0.72	2 211.5	1953	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.72		1953	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
5.41	0.090	0.85	17 420	77	0.845	0.72	2 196.5	1953	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
								1953	1998	CONCURRENT PRODUCTION
						0.80		1961	1996	TCPL CONC PROD, OIL DEPLETED
11.54	0.073	0.85	23 920	99	0.885	0.80	2 863.3	1961	1996	TCPL CONC PROD, OIL DEPLETED
1.92	0.203	0.55	3 610	27	0.940	0.59	697.2	1958	1998	UNPACF CRESTAR ALTROAN CWNIGNUL MATERIAL BALANCE
4.29	0.301	0.75	1 470	18	0.971	0.56	354.5	1951	1996	PROGAS PANALTA PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
TAR (SA) 099-14W4 TOTAL-TAR	55			32		32		1 181	
TAWATINAW 062-22W4 TOTAL-TAWATINAW	83			28	27	1		38	
TEEPEE 073-03W6 WABAMUN C OTHER TOTAL-TEEPEE	2 541 799 3 340	0.17	0.15	367 578 945	362 357 719	5 221 226	36	182 8 367 8 549	1 276
TELFORDVILLE 050-02W5 TOTAL-TELFORDVILLE	346			234	96	138		5 412	
TEMPLETON 001-12W4 TOTAL-TEMPLETON	136			97	1	96		3 532	
THERIEN 060-08W4 UPPER MANNVILLE F OTHER TOTAL-THERIEN	641 1 830 2 471	0.75	0.05	457 988 1 445	289 535 824	168 453 621	37	6 229 16 746 22 975	1 961
THORHILD 060-21W4 SECOND WHITE SPECKS A OTHER TOTAL-THORHILD	563 3 504 4 067	0.80	0.05	428 2 201 2 629	406 1 049 1 455	22 1 152 1 174	37	813 43 027 43 840	10 633
THORNBURY 078-13W4 MCMURRAY G MCMURRAY I MCMURRAY M MCMURRAY YY MCMURRAY KKK MCMURRAY YY & KKK TOTAL OTHER TOTAL-THORNBURY	971 839 902 595 13 608 8 416 11 736	0.70 0.80 0.65 0.55 0.55 0.55	0.05 0.05 0.05 0.05 0.05	646 637 557 311 7 318 4 599 6 757	532 605 459 311 169 2 896 4 661	114 32 98 37 37 149 1 703 2 096	37 37 37 37 37	4 252 1 179 3 647 5 540 62 048 76 666	1 246 1 648 613 4 122 400
THORSBY 049-01W5 GLAUCONITIC A SOLN GLAUCONITIC A ASSOC GLAUCONITIC H GLAUCONITIC I OTHER TOTAL-THORSBY	358 556 925 463 2 098 4 400	0.20 0.85 0.85 0.85	0.15 0.10 0.10	61b 426b 707 355 1 378 2 927			41 41 41		
THREE HILLS CREEK 035-25W4 ELLERSLIE C ELLERSLIE D PEKISKO ASSOC OTHER TOTAL-THREE HILLS CREEK	400 1 328 5 434 5 644 12 806	0.85 0.65 0.70	0.10 0.10 0.08	306 777 3 500b 3 469 8 052	290 769 3 156b 1 357 5 572	16 8 344 2 112 2 480	40 40 39	637 319 13 536 79 540 94 032	898 5 140 11 978
THUNDER 060-06W5 TOTAL-THUNDER	373			249	82	167		6 415	
TIMEU 063-03W5 TOTAL-TIMEU	205			130	15	115		4 480	
TINDASTOLL 036-01W5 TOTAL-TINDASTOLL	605			363	111	252		9 927	
TOFIELD 050-19W4 TOTAL-TOFIELD	57			35	35				
TOMAHAWK 052-05W5 OSTRACOD C SOLN	25	0.65	0.10	14b			39		

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
16.50	0.058	0.80	29 510	85	0.966	0.66	2 765.0	1972	1996	TCPL PRODUCTION DECLINE
5.55	0.300	0.65	2 690	21	0.949	0.56	365.2	1976	1993	CNRL WAINOCO POCO PROGAS PANALTA CWNGNU CNWE SASKEN
1.15	0.208	0.50	3 800	23	0.930	0.57	480.1	1963	1996	RENENER MARATHN CANOR POCO PANALTA TCPL IOL AMOCO PRODUCTION DECLINE
8.16	0.327	0.70	1 910	25	0.965	0.56	468.7	1983	1998	PANALTA PRODUCTION DECLINE
8.05	0.327	0.90	1 900	15	0.961	0.57	474.2	1984	1998	RENENER PANALTA PRODUCTION DECLINE
6.17	0.321	0.90	1 900	20	0.963	0.56	461.0	1985	1997	PANALTA CNFRST PRODUCTION DECLINE
3.33	0.293	0.75	1 910	14	0.960	0.56	455.2	1989	1997	
1.30	0.250	0.55	1 860	18	0.963	0.56	429.9	1990	1991	
								1989	1997	CNFRST QUEBEC
5.91	0.123	0.70	12 810	72	0.831	0.69	1 478.0	1973	1997	RIGEL IOL TALISMA RIFE POCO TCPL PANCDN AMOCO CONCURRENT PRODUCTION
6.54	0.135	0.65	11 630	61	0.815	0.70	1 389.2	1980	1996	RIGEL IOL TALISMA RIFE POCO TCPL PANCDN AMOCO CONCURRENT PRODUCTION
9.26	0.134	0.75	12 490	72	0.829	0.70	1 462.5	1985	1994	AEL CNFRST CNRL IOL PROGAS
2.46	0.161	0.70	13 870	64	0.826	0.68	1 805.9	1985	1996	CRESTAR BLUERGE CNFRST PROGAS PRODUCTION DECLINE
1.83	0.167	0.75	11 680	63	0.822	0.71	1 765.7	1981	1997	CRESTAR CONWEST BLUERGE CNFRST PANALTA PROGAS PRODUCTION DECLINE SLUSH OIL
10.14	0.055	0.65	11 840	68	0.851	0.68	1 743.9	1953	1990	TCPL PROGAS CNFRST CRESTAR MATERIAL BALANCE CONCURRENT PRODUCTION
						0.67		1989	1995	BEAU PRODUCTION DECLINE GPP

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
TOMAHAWK 052-05W5 (CONTINUED)									
OSTRACOD C ASSOC	411	0.85	0.10	314 ^b	323 ^b	5	39	196	405
OTHER	799			443	129	314		12 202	
TOTAL-TOMAHAWK	1 235			771	452	319		12 398	
TOMATO 072-23W4									
TOTAL-TOMATO	1 251			808	611	197		6 205	
TONY CREEK NORTH 064-21W5									
TOTAL-TONY CREEK NORTH	684			467	132	335		13 211	
TRACY (SA) 095-12W5									
TOTAL-TRACY	82			47		47		1 770	
TROCHU 033-21W4									
TOTAL-TROCHU	1 099			699	451	248		9 307	
TROUT 090-03W5									
TOTAL-TROUT	289			142	52	90		3 396	
TUCKER LAKE 064-05W4									
TOTAL-TUCKER LAKE	148			77	39	38		1 418	
TURIN 010-18W4									
TOTAL-TURIN	4 146			2 240	1 000	1 240		46 392	
TURNER VALLEY 018-02W5									
RUNDLE SOLN	38 429	0.55	0.56	9 300 ^b			40		
RUNDLE ASSOC	43 247	0.85	0.68	11 763 ^b	20 197 ^b	866	40	35 047	10 463
RUNDLE C	959	0.85	0.10	734	331	403	39	15 910	200
OTHER	2 225			1 349	625	724		28 134	
TOTAL-TURNER VALLEY	84 860			23 146	21 153	1 993		79 091	
TWEEDIE 069-13W4									
VIKING B	795	0.65	0.05	491	461	30	37	1 104	7 201
GRAND RAPIDS D		0.70	0.05				37		6 979
GRAND RAPIDS D		0.70	0.05				37		200
GRAND RAPIDS D		0.60	0.05				37		200
GRAND RAPIDS D TOTAL	1 829	0.70	0.05	1 216	1 084	132	37	4 892	
GRAND RAPIDS H		0.80	0.05				37		1 008
GRAND RAPIDS I		0.80	0.05				37		200
GRAND RAPIDS X		0.80	0.05				37		200
MCMURRAY A		0.80	0.05				36		1 729
MCMURRAY H		0.80	0.05				37		1 611
MCMURRAY L		0.80	0.05				37		27 973
MCMURRAY T		0.80	0.05				37		200
GR H.I.X & MCM A.H.L&T TOTAL	4 281	0.80	0.05	3 254	3 202	52	37	1 918	
GROSMONT A	1 394	0.65	0.05	861	854	7	37	258	10 344
OTHER	3 707			2 040	1 215	825		30 668	
TOTAL-TWEEDIE	12 006			7 862	6 816	1 046		38 840	
TWINING 031-24W4									
LOWER MANNVILLE A ASSOC	418	0.85	0.10	320 ^b			40		1 714
RUNDLE A ASSOC	7 793	0.75	0.10	5 261 ^b			40		26 299
RUNDLE A SOLN	7 783	0.65	0.15	4 300 ^b			40		
RUNDLE A ASSOC	1 596	0.75	0.10	1 077 ^b			40		2 661
RUNDLE A	404	0.85	0.10	309 ^b			40		400
RUNDLE A ASSOC	72	0.70	0.10	45 ^b			40		200
L MANN A & RUNDLE A TOTAL	18 066	0.70	0.10	11 312 ^b	6 780 ^b	4 532	40	180 827	
OTHER	6 005			3 516	1 992	1 524		58 630	
TOTAL-TWINING	24 071			14 828	8 772	6 056		239 457	
TWO CREEK 063-16W5									
VIKING A	570	0.80	0.10	410	353	57	39	2 196	1 773
NOTIKEWIN A	819	0.80	0.10	590	258	332	39	13 011	500
OTHER	1 556			1 054	303	751		29 516	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.34	0.165	0.85	15 570	55	0.811	0.67	1 666.2	1989	1995	BEAU PRODUCTION DECLINE GPP
						0.80		1917	1998	PENWEST AEL UNPACF PANALTA AMOCO CHEL PRODUCTION DECLINE DEEP CUT SL, GPP
46.00	0.060	0.75	15 700	55	0.751	0.80	1 480.6	1917	1998	PENWEST AEL UNPACF PANALTA AMOCO CHEL PRODUCTION DECLINE DEEP CUT SL, GPP
28.90	0.080	0.85	29 250	83	0.958	0.62	3 350.1	1983	1994	TCPL TOP/BASE TVD
1.10	0.242	0.60	2 360	12	0.951	0.56	232.9	1949	1996	TALISMA TCPL MATERIAL BALANCE
2.25	0.318	0.60	2 220	19	0.955	0.57	281.3	1961	1998	PRODUCTION DECLINE
1.83	0.300	0.50	1 990	14	0.959	0.56	302.2	1961	1998	PRODUCTION DECLINE ASSIGNED WELL 11-14-68-13W4M
1.20	0.300	0.60	1 800	13	0.963	0.56	268.5	1961	1995	PRODUCTION DECLINE ASSIGNED WELL 7-13-69-14W4
								1961	1998	TALISMA TCPL
1.61	0.309	0.60	2 300	15	0.953	0.56	319.6	1970	1994	PRODUCTION DECLINE
2.44	0.300	0.65	2 070	15	0.958	0.56	315.8	1971	1994	PRODUCTION DECLINE
2.70	0.300	0.65	2 030	14	0.958	0.56	309.6	1975	1994	PRODUCTION DECLINE
1.92	0.261	0.55	2 380	22	0.956	0.58	464.3	1970	1994	PRODUCTION DECLINE
2.22	0.259	0.45	2 720	24	0.950	0.57	430.4	1961	1994	PRODUCTION DECLINE
2.38	0.252	0.55	2 440	22	0.954	0.56	443.6	1952	1994	PRODUCTION DECLINE NONCOMMERCIAL OIL
3.70	0.270	0.70	2 980	20	0.943	0.56	477.7	1971	1994	PRODUCTION DECLINE
								1952	1994	AEL TALISMA AMOCO RIOALTO PROGAS TCPL
7.88	0.110	0.40	2 480	19	0.951	0.57	471.3	1961	1998	TCPL PRODUCTION DECLINE
1.65	0.160	0.80	11 260	60	0.833	0.67	1 625.9	1962	1997	
7.60	0.058	0.60	11 410	63	0.841	0.67	1 626.3	1952	1988	CONCURRENT PRODUCTION
						0.67		1952	1988	CONCURRENT PRODUCTION
10.01	0.077	0.75	10 310	63	0.841	0.69	1 652.6	1952	1998	
10.00	0.109	0.80	11 460	65	0.832	0.69	1 695.1	1960	1995	
4.80	0.080	0.70	12 920	62	0.823	0.68	1 714.9	1988	1996	
								1952	1998	CRESTAR PCOG RIGEL PIONEER BEAU CANOXY TALISMA GARDNER TCPL PROGAS PANCON CANST CAN88 CONCURRENT PRODUCTION
2.01	0.171	0.60	9 570	59	0.864	0.65	1 492.6	1992	1995	PCOG PANALTA PARAMNT PRODUCTION DECLINE
15.85	0.170	0.60	10 280	61	0.864	0.64	1 703.5	1994	1996	PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
TWO CREEK 063-16W5 (CONTINUED)									
TOTAL-TWO CREEK	2 945			2 054	914	1 140		44 723	
UKALTA 057-17W4									
UPPER MANNVILLE D	386	0.75	0.05	276			38		1 721
COLONY P	50	0.75	0.05	36			38		150
U MANN D & COLONY P TOTAL	436	0.75	0.05	312	28	284	38	10 695	
WABAMUN-GRAMINIA A	914	0.70	0.05	608	602	6	37	223	2 833
OTHER	3 170			2 020	1 290	730		27 230	
TOTAL-UKALTA	4 520			2 940	1 920	1 020		38 148	
UNWIN 045-02W4									
TOTAL-UNWIN	211			141		141		5 181	
UTIKUMA LAKE 081-10W5									
KEG RIVER SAND A SOLN	1 300	0.64	0.20	666			36		
KEG RIVER A TOTAL	1 300	0.65	0.20	666	421	245	36	8 930	
OTHER	1 194			536	207	329		12 088	
TOTAL-UTIKUMA LAKE	2 494			1 202	628	574		21 018	
VALHALLA 075-10W6									
DOE CREEK A		0.80	0.05				40		23 776
DOE CREEK P		0.65	0.05				35		200
DOE CREEK A & P TOTAL	4 000	0.80	0.05	3 040	3 038	2	40	79	
PADDY C	1 067	0.70	0.05	710	696	14	38	531	1 070
BLUESKY C	1 425	0.85	0.05	1 150	1 089	61	39	2 392	2 931
BLUESKY F	1 138	0.65	0.05	703	521	182	39	7 140	2 009
BLUESKY J	785	0.85	0.05	634	468	166	39	6 509	1 554
BLUESKY K	659	0.85	0.10	504	347	157	39	6 181	917
HALFWAY C SOLN	275	0.65	0.45	98 ^b			41		
HALFWAY C ASSOC	449	0.85	0.15	325 ^b	381 ^b	42	41	1 738	481
HALFWAY B	6 331	c	c	4 572	837	3 735	40 ^a	149 400	7 281
HALFWAY N	1 042	0.75	0.10	704		704	39	27 379	1 762
DOIG B SOLN	615	0.65	0.10	360	255	105	41	4 305	
MONTNEY B SOLN	584	0.65	0.10	342	42	300	39	11 685	
MONTNEY C SOLN	877	0.65	0.15	485	114	371	43	15 849	
MONTNEY L	1 975	0.80	0.10	1 422	315	1 107	38	42 553	2 481
OTHER	15 412			9 489	3 442	6 047		236 863	
TOTAL-VALHALLA	36 634			24 538	11 545	12 993		512 604	
VAUXHALL 012-17W4									
UPPER MANNVILLE B ASSOC	471	0.85	0.15	340	232	108	38	4 074	300
OTHER	495			329	136	193		7 018	
TOTAL-VAUXHALL	966			669	368	301		11 092	
VEGA 061-03W5									
TOTAL-VEGA	178			115	30	85		3 260	
VENTRE 009-04W4									
TOTAL-VENTRE	43			29	9	20		713	
VENUS 101-09W6									
DEBOLT A	770	0.70	0.05	512	497	15	37	548	5 060
TOTAL-VENUS	770			512	497	15		548	
VERGER 022-15W4									
MILK RIVER A	6 977	0.70	0.05	4 640			36		73 341
MEDICINE HAT A	7 866	0.70	0.03	5 341			36		65 589
BELLY RIVER D	7	0.50	0.05	4			37		64

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
2.90 3.20 10.00	0.288 0.300 0.290	0.60 0.70 0.40	4 340 4 740 4 140	27 25 26	0.920 0.903 0.926	0.57 0.61 0.56	660.4 602.6 656.2	1979 1980 1979 1968	1981 1994 1995 1998	SIGNALT UNPACF PANCDN TCPL RENEER PRODUCTION DECLINE
						0.84		1963 1963	1998 1998	PCOG RIGEL ENRMARK AMOCO PIONEER POCO TCPL
2.42 1.20	0.214 0.220	0.65 0.70	4 280 4 180	27 27	0.880 0.926	0.72 0.61	697.2 681.3	1955 1980 1955	1998 1998 1998	PRODUCTION DECLINE SLUSH OIL PRODUCTION DECLINE AEL RIGEL ENRMARK UNPACF CGGS ULSTER CRESTAR PCOG TCPL PROGAS PANALTA IOL AMOCO CANST
1.98	0.206	0.65	5 990	52	0.915	0.60	1 113.1	1982	1995	CONWEST AEL ENRMARK WASCANA ULSTER CGGS PANALTA PRODUCTION DECLINE
3.54	0.133	0.60	11 640	59	0.851	0.64	1 586.3	1976	1996	CRESTAR AEL ENRMARK PANALTA IOL PRODUCTION DECLINE
3.00	0.140	0.60	11 740	61	0.854	0.63	1 425.7	1982	1998	TCPL PROGAS MARATHN PANALTA AEC CRESTAR AEL PRODUCTION DECLINE
3.79	0.142	0.60	11 740	62	0.858	0.63	1 462.0	1988	1998	AEL WASCANA NRTHSTR CRESTAR PRODUCTION DECLINE
4.40	0.135	0.55	11 550	68	0.858	0.65 0.84	1 594.3	1987 1980	1997 1997	PCOG PANALTA PRODUCTION DECLINE CRESTAR NRTHSTR TCPL PROGAS PCOG CANST CONCURRENT PRODUCTION
3.05	0.182	0.85	19 210	80	0.783	0.84	1 968.8	1980	1997	CRESTAR NRTHSTR TCPL PROGAS PCOG CANST CONCURRENT PRODUCTION
3.97	0.141	0.85	21 090	73	0.779	0.85	2 024.2	1978	1992	CRESTAR CONWEST AEL UNPACF ENGAGE AEC AMOCO IOL TCPL PROGAS PART OF HALFWAY POOL NO.1 GAS CYCLING, NONCOMMERCIAL OIL
4.94	0.085	0.70	21 700	75	0.881	0.65 0.71 0.66 0.67 0.64	2 146.9	1973 1984 1993 1993 1993	1996 1998 1998 1998 1998	PANALTA IOL PART OF HALFWAY POOL NO.2 CRESTAR PANALTA AEC DEEP CUT SL GPP CRESTAR AEL
5.55	0.103	0.80	18 810	77	0.878		2 161.9	1993	1998	CRESTAR CONWEST TCPL PROGAS AEL RIGEL PANALTA AEC
10.03	0.224	0.70	11 360	31	0.792	0.70	1 060.4	1979	1998	UNPACF NRTHSTR CRESTAR ENGAGE PROGAS PRODUCTION DECLINE ASSOC PRODUCTION DEPL
3.94	0.141	0.35	5 590	47	0.922	0.59	889.9	1981	1998	CHEVRON POCO PRODUCTION DECLINE
5.76 2.78 8.50	0.154 0.170 0.140	0.55 0.55 0.50	3 140 4 310 1 810	16 17 13	0.938 0.916 0.962	0.56 0.57 0.57	406.9 496.7 269.7	1910 1904 1994	1987 1993 1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE PART OF MED HAT POOL NO.1

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
VERGER 022-15W4 (CONTINUED)									
MEDICINE HAT C	276	0.50	0.03	134			36		9 851
MEDICINE HAT D	442	0.50	0.03	214			36		13 495
SECOND WHITE SPECKS A	3 937	0.75	0.05	2 805			36		32 636
SE ALTA GAS SYS(MU) TOTAL	19 505	0.70	0.05	13 138	6 340	6 798	36	247 923	
BOW ISLAND G	419	0.85	0.05	338	96	242	37	8 969	1 145
BASAL COLORADO A	524	0.90	0.05	448	442	6	37	223	2 866
MANNVILLE D ASSOC	428	0.75	0.05	305 ^b	32 ^b	273	38	10 306	886
OTHER	1 652			1 106	591	515		19 335	
TOTAL-VERGER	22 528			15 335	7 501	7 834		286 756	
VERMILION 050-05W4									
TOTAL-VERMILION	497			318	165	153		5 429	
VIKING-KINSELLA 047-10W4									
UPPER&MIDDLE VIKING A		0.85	0.03				36		198 511
UPPER MANNVILLE YY		0.85	0.03				37		1 667
UPPER MANNVILLE LLL	14	0.70	0.05	10			37		150
UPPER MANNVILLE MMM	1 024	0.75	0.05	730			37		3 348
UPPER MANNVILLE ZZZ	116	0.70	0.05	77			37		150
UPPER MANNVILLE M2M	99	0.65	0.05	61			37		300
COLONY G2G	18	0.70	0.05	12			37		150
GLAUCONITIC J	268	0.75	0.05	191			38		468
VIKING & MANN MU#1 TOTAL	35 322	0.85	0.05	29 045	21 250	7 795	37	285 843	
UPPER MANNVILLE D	527	0.79	0.05	395	381	14	37	511	712
UPPER MANNVILLE EE	1 150	0.87	0.05	951	889	62	37	2 285	587
UPPER MANNVILLE NNN	507	0.75	0.05	361	338	23	37	860	966
COLONY SSS	612	0.70	0.05	407	353	54	36	1 957	160
COLONY NN		0.75	0.05				36		4 862
COLONY NN		0.65	0.05				39		150
COLONY NN		0.65	0.05				36		150
SPARKY Q		0.65	0.05				35		300
COLONY NN & SPARKY Q TOTAL	1 205	0.85	0.05	950	828	122	36	4 407	
WAINWRIGHT	694	0.80	0.05	527	465	62	37	2 280	1 710
GLAUCONITIC R	456	0.80	0.05	347	328	19	37	695	1 083
LOWER MANNVILLE EE	422	0.75	0.05	301	179	122	37	4 515	482
WABAMUN C	883	0.70	0.05	587	573	14	37	519	1 740
D-2 D	1 217	0.70	0.05	809	795	14	37	524	2 902
OTHER	17 845			11 087	7 118	3 969		145 603	
TOTAL-VIKING-KINSELLA	60 840			45 767	33 497	12 270		449 999	
VIRGINIA HILLS 064-13W5									
BELLOY A SOLN	676	0.50	0.25	254 ^b			39		
BELLOY A ASSOC	1 870	0.80	0.15	1 272 ^b	1 230 ^b	296	39	11 612	2 303
BEAVERHILL LAKE ASSOC		0.60	0.20				43		
BEAVERHILL LAKE SOLN	8 600	0.39	0.28	2 415 ^b			43		
BEAVERHILL LAKE TOTAL	8 600	0.40	0.30	2 415 ^b	1 303 ^b	1 112	43	47 994	
OTHER	109			68	13	55		2 168	
TOTAL-VIRGINIA HILLS	11 255			4 009	2 546	1 463		61 774	
VIRGO 115-06W6									
TOTAL-VIRGO	4 954			2 449	785	1 664		65 481	
VULCAN 016-24W4									
TURNER VALLEY C	640	0.60	0.20	307	256	51	38	1 961	1 570
OTHER	1 028			675	372	303		11 741	
TOTAL-VULCAN	1 668			982	628	354		13 702	
WABASCA (SA) 085-25W4									
TOTAL-WABASCA	8			4		4		148	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.71	0.139	0.60	4 450	19	0.916	0.56	484.5	1973	1988	PART OF MED HAT POOL NO.3
0.83	0.139	0.60	4 450	19	0.916	0.57	516.3	1973	1993	PART OF MED HAT POOL NO.4
1.56	0.216	0.60	5 690	27	0.904	0.57	684.6	1944	1993	PART OF 2WS POOL NO.1
								1904	1994	CONWEST NRTHSTR CNRL CRESTAR POCO PANCDN IOL PANALTA TCPL
4.80	0.158	0.65	6 940	31	0.875	0.62	891.6	1978	1995	TCPL PANCDN PANALTA
0.85	0.181	0.55	8 450	36	0.867	0.60	946.6	1959	1998	PANCDN PANALTA PRODUCTION DECLINE
3.68	0.191	0.60	10 410	35	0.839	0.60	1 048.4	1970	1993	CRESTAR AMOCO CONCURRENT PRODUCTION, OIL DEPLETED
1.32	0.199	0.50	5 580	24	0.894	0.61	631.6	1917	1984	PART OF VIK POOL NO.2 MATERIAL BALANCE NONCOMMERCIAL OIL
1.80	0.340	0.55	5 580	27	0.898	0.59	700.0	1965	1982	PART OF VIK POOL NO.2 MATERIAL BALANCE
3.30	0.300	0.65	5 910	32	0.900	0.59	816.3	1978	1994	PART OF VIK POOL NO.2 PRODUCTION DECLINE
2.97	0.299	0.60	5 470	29	0.897	0.59	759.7	1949	1992	PART OF VIK POOL NO.2
8.00	0.290	0.55	5 850	31	0.900	0.57	803.1	1986	1996	PART OF VIK POOL NO.2
3.05	0.315	0.60	5 520	30	0.905	0.59	773.3	1986	1997	PART OF VIK POOL NO.2
1.24	0.340	0.55	4 980	24	0.897	0.59	713.9	1965	1988	PART OF VIK POOL NO.2
1.28	0.305	0.70	5 800	32	0.898	0.57	822.5	1977	1994	PART OF VIK POOL NO.2 PRODUCTION DECLINE
								1917	1995	CRESTAR SIGNALT RENENER PROGAS MARATHN BEAU CNFRST CNRL POCO PANCDN PANALTA CWNGNUL TCPL AMOCO ENGAGE PART OF VIK POOL NO.2
2.78	0.300	0.60	4 920	27	0.913	0.59	739.4	1973	1998	PANCDN CWNGNUL MATERIAL BALANCE NONCOMMERCIAL OIL
2.81	0.233	0.65	4 610	25	0.914	0.59	724.1	1955	1998	CNRL CWNGNUL TCPL MATERIAL BALANCE
1.97	0.249	0.50	5 560	27	0.901	0.57	766.4	1979	1996	PANALTA CWNGNUL TCPL PRODUCTION DECLINE
11.58	0.280	0.90	4 250	24	0.924	0.58	593.7	1977	1994	PROGAS CWNGNUL MATERIAL BALANCE NONCOMMERCIAL OIL
2.21	0.285	0.60	3 980	27	0.930	0.59	594.1	1976	1998	PRODUCTION DECLINE
1.52	0.300	0.55	4 030	25	0.908	0.66	608.7	1976	1998	PRODUCTION DECLINE
0.93	0.290	0.70	4 050	25	0.925	0.58	611.0	1976	1998	PRODUCTION DECLINE
3.65	0.269	0.65	4 040	24	0.929	0.59	627.7	1989	1998	PRODUCTION DECLINE
4.08	0.267	0.65	5 220	28	0.909	0.58	699.6	1976	1998	PROGAS PANALTA HUSKY CWNGNUL
1.24	0.263	0.60	5 970	32	0.902	0.58	806.5	1955	1995	PANCDN CWNGNUL PRODUCTION DECLINE
6.13	0.302	0.80	5 620	26	0.905	0.57	818.7	1979	1996	SIGNALT TCPL PRODUCTION DECLINE
4.12	0.164	0.75	5 250	33	0.913	0.58	812.7	1995	1997	TCPL PANALTA CWNGNUL NONCOMMERCIAL OIL
4.38	0.117	0.65	4 670	29	0.918	0.57	733.5	1972	1996	SIGNALT PANCDN CWNGNUL TCPL PRODUCTION DECLINE
								1960	1998	SIGNALT CWNGNUL TCPL PRODUCTION DECLINE
						0.70		1961	1994	SHELL MATERIAL BALANCE CONCURRENT PRODUCTION
3.27	0.178	0.75	13 440	68	0.843	0.70	1 884.0	1961	1994	SHELL MATERIAL BALANCE CONCURRENT PRODUCTION
						0.88		1957	1995	DEEP CUT SL. GAS BREAKTHRU
						0.88		1957	1995	DEEP CUT SL. GAS BREAKTHRU
								1957	1993	AEL POCO PCOG UNPACF MOBIL BLUERGER TALISMA DIRECT GARDNER GAS BREAKTHRU, DEEP CUT SL
7.55	0.101	0.60	14 180	66	0.839	0.75	1 831.4	1960	1996	CRESTAR TCPL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WAINWRIGHT 045-06W4									
U&M VIKING A	2 696	0.50	0.05	1 281 ^b			37		35 317
COLONY G	73	0.75	0.05	52 ^b			36		517
COLONY R	142	0.70	0.05	94 ^b			35		1 110
COLONY R	56	0.75	0.05	40 ^b			35		401
COLONY V ASSOC	3	0.70	0.05	2 ^b			36		96
COLONY W ASSOC	1	0.70	0.05	1 ^b			36		52
VIKING & MANN MU#1 TOTAL	2 971	0.50	0.05	1 470 ^b	835 ^b	635	37	23 381	
SPARKY E	863	0.70	0.05	574	528	46	35	1 593	1 730
OTHER	6 764			3 520	2 358	1 162		41 432	
TOTAL-WAINWRIGHT	10 598			5 564	3 721	1 843		66 406	
WANYANDIE 060-27W5									
TOTAL-WANYANDIE	232			153		153		5 024	
WAPITI 067-10W6									
BELLY RIVER E	613	0.90	0.15	469	33	436	40	17 409	1 998
CARDIUM A SOLN	1 777	0.65	0.15	982			39		
CARDIUM A & B TOTAL	1 777	0.65	0.15	982	155	827	39	32 013	
CADOTTE H	393	0.85	0.10	301	17	284	38	10 883	200
CADOTTE B	199	0.80	0.15	135			39		200
CADOMIN A	6 204	0.70	0.15	3 692			38		22 391
CADOTTE B & CADOMIN A TOTAL	6 403	0.70	0.15	3 827	28	3 799	38	144 894	
CADOTTE A		0.75	0.10				39		3 799
FALHER D-7		0.75	0.10				39		500
CDOT A & FALH D-7 TOTAL	1 529	0.85	0.10	1 170	997	173			
NOTIKEWIN A	442	0.85	0.10	338	276	62	39	2 394	250
NOTIKEWIN D	800	0.85	0.15	578	562	16	38	616	400
NOTIKEWIN G	529	0.85	0.10	405	395	10	39	386	750
NOTIKEWIN H	729	0.85	0.15	527	495	32	39	1 262	250
NOTIKEWIN I	729	0.85	0.15	527	487	40	40	1 590	500
NOTIKEWIN J	553	0.75	0.15	353	230	123	40	4 878	250
NOTIKEWIN L	588	0.85	0.15	425	341	84	39	3 257	250
NOTIKEWIN M	453	0.85	0.15	327	317	10	39	392	250
FALHER A-3	22	0.75	0.15	14			39		250
NIKANASSIN A	175	0.80	0.25	105			42		200
NIKANASSIN B	187	0.80	0.20	120			40		200
NIKANASSIN C	107	0.80	0.25	65			40		200
FALH A-3 & NIK A,B&C TOTAL	491	0.80	0.25	304	10	294	41	11 907	
FALHER D-1	3 728	0.90	0.10	3 020			38		9 492
GETHING C	28	0.75	0.05	20			37		150
FALHER D-1 & GETH C TOTAL	3 756	0.90	0.10	3 040	2 814	226	38	8 527	
FALHER A-1	571	0.70	0.15	340	327	13	39	509	250
FALHER A-5	524	0.85	0.15	378	373	5	39	196	500
FALHER A-6	576	0.80	0.15	392	162	230	42	9 559	500
FALHER C-1	1 788	0.85	0.15	1 292	1 251	41	40	1 630	1 992
FALHER C-2	741	0.85	0.15	536	520	16	38	603	500
FALHER C-3	867	0.90	0.20	624	624	< 1	40	-	250
FALHER C-4	598	0.85	0.15	432	384	48	39	1 881	1 348
FALHER E-1	2 400	0.90	0.15	1 836	1 787	49	39	1 931	854
FALHER F-1	4 822	0.94	0.15	3 853	3 776	77	39	3 026	3 585
CADOMIN B	600	0.75	0.05	428	419	9	36	326	150
CADOMIN C	771	0.70	0.15	459	6	453	38	17 264	3 458
CADOMIN D	816	0.70	0.15	485	1	484	38	18 445	5 119
NIKA 02-066-07	552	0.90	0.10	447		447	38	16 861	200
OTHER	11 789			7 734	2 198	5 536		209 254	
TOTAL-WAPITI	47 200			32 809	18 985	13 824		521 893	
WAPPAU 074-11W4									
TOTAL-WAPPAU	143			68	21	47		1 752	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
1.09	0.235	0.55	5 030	21	0.898	0.60	583.2	1917	1996	PART OF VIK POOL NO.2
2.00	0.289	0.60	3 950	24	0.928	0.59	594.6	1929	1997	PART OF VIK POOL NO.2
1.65	0.273	0.65	4 230	24	0.925	0.59	590.7	1929	1998	PART OF VIK POOL NO.2
1.63	0.286	0.70	4 160	24	0.927	0.59	598.6	1929	1997	PART OF VIK POOL NO.2
0.50	0.261	0.60	3 900	24	0.928	0.60	598.8	1929	1993	PART OF VIK POOL NO.2 GPP
0.51	0.200	0.55	4 150	24	0.924	0.60	600.0	1929	1979	PART OF VIK POOL NO.2
								1917	1997	PART OF VIK POOL NO.2 GPP
2.03	0.308	0.70	4 220	22	0.926	0.60	616.2	1956	1996	PENWEST TALISMA PANALTA HUSKY TCPL AMOCO PRODUCTION DECLINE
3.57	0.129	0.65	8 590	24	0.803	0.64	825.0	1996	1998	TCPL PANALTA DEEP CUT SL
						0.66		1969	1998	DEEP CUT SL
								1969	1998	TCPL AEL PCOG AMOCO DEEP CUT SL
15.00	0.100	0.70	20 980	83	0.896	0.63	2 532.5	1997	1998	CHEL DEEP CUT SL
5.70	0.100	0.80	26 290	93	0.935	0.63	2 327.1	1982	1996	DEEP CUT SL
4.16	0.052	0.70	21 170	93	0.899	0.67	2 796.9	1979	1996	DEEP CUT SL
								1979	1996	AEL PCOG CHEL TALISMA PANALTA PROGAS TCPL DEEP CUT SL
5.80	0.074	0.70	19 510	83	0.884	0.64	2 383.3	1980	1998	PRODUCTION DECLINE DEEP CUT SL
6.15	0.080	0.70	21 720	83	0.890	0.64	2 548.1	1997	1998	PRODUCTION DECLINE TOP/BASE TVD. DEEP CUT SL
								1980	1998	CHEL DEEPCUT SL
9.49	0.070	0.55	19 390	84	0.892	0.63	2 413.3	1982	1996	TCPL PRODUCTION DECLINE DEEP CUT SL
9.00	0.096	0.60	19 880	79	0.881	0.65	2 380.4	1981	1996	CHEL TCPL PRODUCTION DECLINE DEEP CUT SL
7.77	0.099	0.70	18 740	81	0.880	0.64	2 455.6	1979	1996	CHEL PRODUCTION DECLINE DEEP CUT SL
7.00	0.100	0.75	19 830	74	0.861	0.65	2 226.8	1991	1996	AEL PROGAS PRODUCTION DECLINE DEEP CUT SL
4.60	0.080	0.75	16 860	77	0.863	0.64	2 156.2	1993	1997	AEL CHEL PROGAS TCPL PRODUCTION DECLINE DEEP CUT SL
9.50	0.080	0.65	18 190	84	0.874	0.65	2 264.7	1992	1994	AEL PROGAS PRODUCTION DECLINE DEEP CUT SL
9.85	0.076	0.60	19 430	80	0.880	0.64	2 403.1	1994	1998	CHEL PRODUCTION DECLINE DEEPCUT SL
4.70	0.080	0.75	18 630	83	0.879	0.65	2 510.6	1994	1996	CHEL PRODUCTION DECLINE DEEP CUT SL
1.18	0.062	0.65	17 620	59	0.819	0.66	1 990.7	1981	1988	DEEP CUT SL
6.00	0.100	0.70	23 690	96	0.878	0.73	2 408.5	1981	1996	DEEP CUT SL
6.90	0.090	0.75	23 690	102	0.895	0.73	2 454.6	1981	1996	DEEP CUT SL
4.40	0.080	0.75	23 690	99	0.891	0.73	2 467.5	1981	1996	DEEP CUT SL
								1981	1991	TCPL DEEP CUT SL
3.68	0.081	0.70	21 190	82	0.909	0.60	2 478.4	1979	1995	PRODUCTION DECLINE DEEP CUT SL
8.90	0.100	0.75	26 100	95	0.955	0.60	2 759.8	1980	1996	PRODUCTION DECLINE DEEP CUT SL
								1979	1995	TCPL PANALTA DEEP CUT SL
4.60	0.070	0.60	20 000	74	0.861	0.65	2 162.1	1980	1997	AEL PROGAS PANALTA TCPL PRODUCTION DECLINE DEEP CUT SL
4.65	0.085	0.70	15 280	77	0.864	0.65	2 159.4	1992	1996	AEL UNPACF PANALTA PROGAS TCPL CHEL PRODUCTION DECLINE DEEP CUT SL
9.90	0.093	0.75	15 950	69	0.795	0.74	1 921.5	1996	1997	TCPL DEEP CUT SL
4.45	0.125	0.75	20 700	85	0.874	0.68	2 384.5	1978	1998	AEL PROGAS PANALTA TCPL PRODUCTION DECLINE DEEP CUT SL
6.40	0.089	0.65	16 940	78	0.868	0.68	2 250.8	1980	1995	AEL TALISMA PROGAS PANALTA TCPL AMOCO PRODUCTION DECLINE DEEP CUT SL
16.60	0.060	0.60	22 750	79	0.855	0.72	2 336.2	1979	1995	AEL PROGAS PANALTA TCPL PRODUCTION DECLINE DEEP CUT SL
4.00	0.087	0.70	21 380	77	0.872	0.66	2 508.8	1979	1995	TCPL PRODUCTION DECLINE DEEP CUT SL
2.28	0.095	0.80	28 400	98	0.956	0.63	2 337.5	1981	1996	AEL TALISMA PROGAS PANALTA PRODUCTION DECLINE DEEP CUT SL
3.83	0.104	0.75	31 400	87	0.971	0.63	2 516.1	1978	1998	AEL CNRL TALISMA PROGAS PANALTA AMOCO TCPL PRODUCTION DECLINE DEEP CUT SL
4.60	0.130	0.75	21 910	81	0.924	0.59	2 389.3	1980	1994	TCPL PRODUCTION DECLINE DEEP CUT SL
3.51	0.057	0.65	20 090	97	0.901	0.67	2 897.6	1980	1996	CHEL TCPL PANALTA IOL AMOCO DEEP CUT SL
3.97	0.036	0.65	19 920	95	0.897	0.67	2 809.2	1979	1996	PCOG TCPL PANALTA DEEP CUT SL
16.50	0.080	0.85	30 250	87	0.971	0.63	2 761.4	1994	1998	CNRL DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WARSPITE 060-18W4 TOTAL-WARSPITE	710			485	376	109		4 069	
WARWICK 052-14W4									
VIKING C		0.65	0.05				37		6 264
VIKING M		0.75	0.05				37		128
VIKING N		0.75	0.05				37		128
VIKING Z		0.70	0.05				37		200
UPPER MANNVILLE G		0.65	0.05				37		1 655
UPPER MANNVILLE BB		0.65	0.05				37		300
VIK & UPPER MANN MU#1 TOTAL	1 377	0.75	0.05	955	828	127	37	4 667	
UPPER MANNVILLE K	1 194	0.70	0.05	794	771	23	37	853	538
UPPER MANNVILLE WW	514	0.70	0.05	342	259	83	37	3 081	150
UPPER MANNVILLE D	399	0.70	0.05	265			37		1 662
UPPER MANNVILLE H	376	0.75	0.05	268			37		200
UPPER MANNVILLE M	667	0.70	0.05	444			37		1 782
UPPER MANNVILLE N	20	0.70	0.05	13			38		128
UPPER MANNVILLE NNN	51	0.65	0.05	31			37		924
U MANN D,H,M,N & NNN TOTAL	1 513	0.70	0.05	1 021	922	99	37	3 664	
WINTERBURN B	566	0.70	0.05	376	252	124	37	4 572	1 734
OTHER	7 421			4 768	3 409	1 359		50 636	
TOTAL-WARWICK	12 585			8 256	6 441	1 815		67 473	
WASKAHIGAN 064-23W5									
DUNVEGAN A SOLN	228	0.65	0.10	133b			40		
DUNVEGAN A ASSOC	380	0.90	0.10	308b	166b	275	40	11 088	728
DUNVEGAN C SOLN	46	0.65	0.10	27b			41		
DUNVEGAN C ASSOC	1 666	0.80	0.10	1 200b	1 101b	126	41	5 166	2 616
DUNVEGAN B	1 772	0.83	0.10	1 324	1 323	1	40	40	4 836
PEACE RIVER B	903	0.62	0.10	504	438	66	38	2 516	1 984
PEACE RIVER E	401	0.85	0.05	324	158	166	39	6 522	706
OTHER	2 681			1 801	801	1 000		39 491	
TOTAL-WASKAHIGAN	8 077			5 621	3 987	1 634		64 823	
WATELET 047-26W4 TOTAL-WATELET	378			240	89	151		5 821	
WATERTON 004-01W5									
RUNDLE C	8 726	0.50	0.45	2 400	862	1 538	38	57 798	1 665
RUNDLE K	670	0.80	0.35	348	43	305	39	11 813	200
RUNDLE M	2 552	0.90	0.20	1 838	1 632	206	38	7 867	1 367
RUNDLE N	777	0.85	0.30	462	222	240	39	9 288	200
RUNDLE D		0.80	0.52				39		2 914
RUNDLE E		0.80	0.52				39		100
RUNDLE D & E TOTAL	18 750	0.80	0.50	7 200	6 476	724	39	28 164	
RUNDLE A	1 400	0.60	0.35	546			39		506
RUNDLE L	148	0.80	0.25	89			39		200
RUNDLE J	13 529	0.85	0.40	6 900			39		2 178
RUNDLE A,L & J TOTAL	15 077	0.85	0.40	7 535	4 266	3 269	39	127 164	
RUNDLE-WABAMUN A	82 379	c	c	49 542	49 305	237	39a	9 302	5 157
WABAMUN B	498	0.85	0.20	338	338	< 1	37	-	386
WABAMUN D	629	0.85	0.20	428	19	409	37	15 219	200
PALL 03-006-03	571	0.90	0.20	411		411	35	14 397	200
OTHER	725			276	65	211		7 758	
TOTAL-WATERTON	131 354			70 778	63 228	7 550		288 770	
WATTS 031-15W4									
BANFF D SOLN	50	0.65	0.15	28b			42		
BANFF D ASSOC	538	0.80	0.15	366b	301b	93	42	3 915	949
OTHER	1 879			1 117	743	374		14 475	
TOTAL-WATTS	2 467			1 511	1 044	467		18 390	
WAVY LAKE 043-14W4 TOTAL-WAVY LAKE	666			431	168	263		9 911	
WAYNE-ROSEDALE 027-19W4 BELLY RIVER A	644	0.90	0.05	551	510	41	37	1 508	1 785

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
0.76	0.200	0.50	5 320	29	0.903	0.60	615.2	1969	1997	PRODUCTION DECLINE
0.60	0.160	0.45	4 010	24	0.921	0.60	607.0	1979	1997	PRODUCTION DECLINE
1.10	0.210	0.50	3 890	24	0.924	0.61	593.5	1979	1997	PRODUCTION DECLINE
1.50	0.120	0.50	5 100	25	0.902	0.60	620.4	1973	1997	PRODUCTION DECLINE
1.70	0.271	0.80	4 900	33	0.915	0.59	760.5	1970	1997	PRODUCTION DECLINE
1.45	0.269	0.50	5 290	30	0.903	0.60	648.3	1977	1997	PRODUCTION DECLINE
6.85	0.301	0.75	4 760	30	0.918	0.58	701.6	1970	1997	TCPL CNRL
3.80	0.300	0.80	4 580	31	0.921	0.57	759.7	1981	1997	SIGNALT TCPL PRODUCTION DECLINE
1.39	0.236	0.50	4 740	30	0.919	0.56	731.1	1970	1986	SIGNALT PRODUCTION DECLINE
2.40	0.310	0.70	4 790	32	0.921	0.58	730.5	1970	1989	MATERIAL BALANCE
2.85	0.238	0.65	4 700	34	0.922	0.58	749.7	1970	1989	PRODUCTION DECLINE
3.05	0.250	0.65	5 340	30	0.902	0.60	652.2	1973	1994	PRODUCTION DECLINE
0.89	0.232	0.55	4 690	28	0.918	0.56	717.2	1980	1984	PRODUCTION DECLINE
7.99	0.204	0.70	4 590	33	0.924	0.58	762.5	1970	1994	SIGNALT CNRL TCPL
								1967	1998	CNRL TCPL PRODUCTION DECLINE
4.78	0.165	0.65	10 240	63	0.851	0.65	1 544.1	1967	1988	RIOALTO PROGAS CONCURRENT PRODUCTION
						0.65		1967	1988	RIOALTO PROGAS CONCURRENT PRODUCTION
						0.69		1959	1995	RIOALTO PRODUCTION DECLINE CONCURRENT
2.44	0.154	0.60	10 800	53	0.809	0.69	1 506.0	1959	1995	PRODUCTION
2.45	0.156	0.65	10 390	58	0.834	0.68	1 667.3	1961	1997	RIOALTO PRODUCTION DECLINE CONCURRENT
1.50	0.157	0.70	12 430	61	0.855	0.63	1 813.1	1981	1997	UNPACF CWNGNUL AEC RIOALTO PROGAS
3.85	0.155	0.70	13 670	64	0.849	0.63	1 889.4	1996	1997	PRODUCTION DECLINE SLUSH OIL
										RIOALTO TCPL MATERIAL BALANCE
										PROGAS RIOALTO UNPACF AEC
34.85	0.054	0.85	38 590	86	0.933	0.83	3 489.8	1957	1994	SHELL NRTHSTR AMOCO DEEP CUT SL
24.40	0.054	0.85	34 270	86	0.908	0.86	3 631.6	1958	1989	
32.30	0.067	0.80	40 290	102	1.068	0.63	4 381.5	1981	1998	SHELL PROGAS MOBIL MATERIAL BALANCE
										TOP/BASE TVD
25.70	0.070	0.80	33 560	103	0.940	0.80	3 617.7	1996	1997	
31.00	0.051	0.80	35 280	80	0.847	0.95	3 532.2	1957	1994	MATERIAL BALANCE TOP/BASE TVD, DEEP CUT SL
37.50	0.050	0.80	35 280	80	0.847	0.95	3 277.4	1960	1994	MATERIAL BALANCE DEEP CUT SL
								1957	1994	SHELL DEEP CUT SL
14.15	0.057	0.90	29 170	71	0.847	0.85	2 880.5	1960	1989	MATERIAL BALANCE TOP/BASE TVD, DEEP CUT SL
5.40	0.070	0.80	30 600	105	0.942	0.80	3 063.6	1970	1998	TOP/BASE TVD, DEEP CUT SL
35.19	0.064	0.90	32 560	80	0.856	0.85	3 230.2	1960	1992	TOP/BASE TVD, DEEP CUT SL
								1960	1998	SHELL DEEP CUT SL
43.19	0.050	0.80	32 960	69	0.879	0.97	3 037.6	1959	1997	SHELL GAS CYCLING, TOP/BASE TVD
19.30	0.053	0.80	40 800	101	1.058	0.66	4 191.2	1958	1996	
27.00	0.050	0.80	35 850	84	0.981	0.67	3 662.5	1979	1998	SHELL UNPACF MOBIL
25.00	0.050	0.80	35 210	83	0.985	0.69	3 438.5	1981	1994	
3.63	0.126	0.80	9 300	45	0.731	0.81	1 203.9	1984	1998	POCO PRODUCTION DECLINE CONCURRENT
										PRODUCTION
										POCO PRODUCTION DECLINE CONCURRENT
										PRODUCTION
2.96	0.192	0.50	6 130	26	0.896	0.57	645.8	1960	1995	PANCDN CWNGNUL PRODUCTION DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WAYNE-ROSEDALE 027-19W4 (CONTINUED)									
BELLY RIVER H	52	0.70	0.05	34			37		250
BELLY RIVER J	37	0.70	0.05	25			37		250
BELLY RIVER K	389	0.60	0.05	221			37		3 408
BELLY RIVER L	32	0.70	0.05	21			37		128
BELLY RIVER M	29	0.70	0.05	19			37		250
BELLY RIVER X	11	0.65	0.05	7			37		128
BELLY RIVER KK	25	0.70	0.05	17			37		128
BELLY RIVER ZZ	24	0.65	0.05	15			37		128
BELLY RIVER AAA	39	0.70	0.05	26			37		128
BELLY RIVER MU#1 TOTAL	638	0.65	0.05	385	74	311	37	11 448	
BELLY RIVER S	416	0.80	0.05	316			37		2 760
BELLY RIVER EE	32	0.65	0.05	20			37		250
BELLY RIVER S & EE TOTAL	448	0.80	0.05	336	254	82	37	3 019	
MEDICINE HAT A	1 664	0.50	0.03	807			36		25 907
SE ALTA GAS SYS (MU) TOTAL	1 664	0.50	0.05	807		807	36	29 431	
VIKING B	676	0.90	0.10	547	503	44	39	1 704	3 280
VIKING A		0.75	0.10				39		26 829
GLAUCONITIC V		0.75	0.10				39		100
VIKING A & GLC V TOTAL	6 300	0.75	0.10	4 284	4 136	148	39	5 760	
GLAUCONITIC A	1 176	0.90	0.10	952	946	6	40	237	1 121
GLAUCONITIC G	889	0.90	0.10	720	707	13	40	518	791
GLAUCONITIC T	528	0.85	0.10	404			39		2 634
GLAUCONITIC T	1 400	0.85	0.10	1 071			39		5 541
GLAUCONITIC T	58	0.75	0.10	40			39		225
GLAUCONITIC T	106	0.75	0.10	72			39		294
GLAUCONITIC T	208	0.75	0.10	140			40		321
GLAUCONITIC T	5	0.70	0.10	4			39		150
GLAUCONITIC T	10	0.75	0.10	7			39		150
GLAUCONITIC T	11	0.75	0.10	7			39		150
GLAUCONITIC T TOTAL	2 326	0.85	0.10	1 745	908	837	39	32 626	
OSTRACOD A	639	0.85	0.10	489	423	66	39	2 597	150
OSTRACOD E	411	0.95	0.10	351	338	13	38	496	544
OTHER	12 536			7 868	4 418	3 450		133 322	
TOTAL-WAYNE-ROSEDALE	28 347			19 035	13 217	5 818		222 666	
WEALD 050-19W5									
TOTAL-WEALD	382			303		303		12 111	
WEASEL 058-19W4									
TOTAL-WEASEL	167			110		110		4 124	
WEASONE (SA) 062-09W5									
TOTAL-WEASONE	62			42		42		1 593	
WEBSTER 074-05W6									
CHARLIE LAKE D	1 891	0.90	0.05	1 617	1 169	448	39	17 311	4 771
OTHER	583			393	294	99		3 870	
TOTAL-WEBSTER	2 474			2 010	1 463	547		21 181	
WELLBURN 009-18W4									
TOTAL-WELLBURN	170			109	62	47		1 614	
WEMBLEY 073-08W6									
DUNVEGAN D	412	0.85	0.10	315	141	174	40	6 958	400
HALFWAY X	824	0.85	0.15	595	503	92	41	3 811	539
HALFWAY B SOLN	4 209	0.58	0.30	1 709 ^b			40 ^a		
HALFWAY B ASSOC	5 740	c	c	4 133 ^b	686 ^b	5 156	40 ^a	206 240	4 269
DOIG E SOLN	456	0.65	0.25	222 ^b			41		
DOIG E ASSOC	1 691	0.80	0.15	1 150 ^b	940 ^b	432	41	17 876	1 558
OTHER	2 580			1 672	615	1 057		39 949	
TOTAL-WEMBLEY	15 912			9 796	2 885	6 911		274 834	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.50	0.240	0.50	3 080	21	0.941	0.57	495.5	1978	1994	
4.00	0.260	0.45	3 080	21	0.941	0.56	505.0	1978	1996	
3.31	0.237	0.60	2 710	56	0.966	0.57	701.1	1977	1998	
6.00	0.240	0.50	3 350	22	0.937	0.57	534.0	1977	1994	
3.05	0.220	0.45	3 750	23	0.931	0.57	577.9	1977	1994	
1.30	0.240	0.60	4 400	26	0.922	0.56	649.7	1981	1996	
2.50	0.240	0.60	5 180	29	0.914	0.56	735.8	1980	1998	
3.00	0.240	0.60	4 220	25	0.926	0.56	630.5	1980	1996	
4.00	0.240	0.60	5 060	28	0.915	0.56	723.0	1980	1996	
3.48	0.256	0.55	3 000	21	0.944	0.57	550.0	1977	1998	PANCDN TCPL
3.00	0.250	0.60	2 710	15	0.946	0.56	424.5	1966	1998	
								1980	1988	
1.36	0.170	0.55	4 310	17	0.916	0.56	835.3	1966	1998	CNRL PANALTA PANCDN TCPL
2.87	0.164	0.55	8 070	38	0.849	0.64	1 211.3	1904	1994	PART OF MED HAT POOL NO.1
2.36	0.165	0.55	8 040	44	0.854	0.65	1 196.2	1904	1994	CNRL CRESTAR QUEBEC PANALTA PANCDN TCPL
12.11	0.150	0.60	9 900	44	0.826	0.66	1 408.2	1954	1982	PANCDN CNRL TCPL MATERIAL BALANCE
								1953	1995	MATERIAL BALANCE
								1953	1995	MATERIAL BALANCE
5.05	0.197	0.70	9 700	50	0.821	0.69	1 326.8	1953	1995	TCPL QUEBEC PANCDN PANALTA DIRECT CWNGNUL
4.14	0.180	0.75	9 880	47	0.801	0.72	1 335.2	1957	1996	CNRL
1.97	0.171	0.60	9 540	49	0.850	0.65	1 313.3	1966	1995	PANCDN TCPL PRODUCTION DECLINE
2.16	0.181	0.60	9 790	40	0.826	0.65	1 319.3	1966	1996	TCPL PRODUCTION DECLINE
2.13	0.185	0.60	9 700	39	0.814	0.67	1 320.9	1966	1998	
3.85	0.148	0.60	9 750	43	0.829	0.65	1 304.7	1966	1992	
6.41	0.158	0.60	9 320	41	0.790	0.73	1 268.1	1966	1996	
0.50	0.120	0.55	9 300	51	0.839	0.68	1 401.8	1966	1998	ASSIGNED WELL 08-20-026-18W4M
1.00	0.140	0.40	10 760	49	0.817	0.68	1 336.5	1966	1992	ASSIGNED WELL 07-32-026-18W4M
0.90	0.130	0.55	10 460	48	0.819	0.68	1 303.6	1966	1992	ASSIGNED WELL 06-10-027-18W4M
								1966	1998	CNRL PANCDN QUEBEC TCPL
2.74	0.190	4.00	10 080	46	0.821	0.67	1 339.7	1962	1994	TCPL PRODUCTION DECLINE
0.99	0.229	0.65	9 860	53	0.859	0.65	1 452.0	1980	1998	TCPL PRODUCTION DECLINE
1.62	0.185	0.85	16 000	67	0.860	0.62	1 773.6	1973	1998	TCPL PROGAS ENRMARK CANOR AMOCO TALISMA SLUSH OIL
2.65	0.194	0.65	7 860	37	0.835	0.65	990.2	1984	1996	CRESTAR PROGAS PANCDN IOL PRODUCTION DECLINE
2.86	0.142	0.85	21 700	74	0.826	0.75	1 991.1	1986	1997	CRESTAR PROGAS IOL TALISMA AEC PRODUCTION DECLINE
						0.85		1978	1997	AEL RIGEL CRESTAR PANCDN NRTHSTR PROGAS PANALTA AEC AMOCO IOL PART OF HALFWAY POOL NO.1 GAS CYCLING, DEEP CUT SL
4.59	0.110	0.80	21 420	73	0.790	0.85	2 040.4	1978	1997	AEL RIGEL CRESTAR PANCDN NRTHSTR PROGAS PANALTA AEC AMOCO IOL PART OF HALFWAY POOL NO.1 GAS CYCLING, DEEP CUT SL
						0.71		1980	1994	RIGEL CRESTAR IOL PROGAS PANALTA AMOCO CONCURRENT PRODUCTION, DEEP CUT SL
8.11	0.080	0.80	21 550	75	0.842	0.71	2 116.4	1980	1994	RIGEL CRESTAR IOL PROGAS PANALTA AMOCO CONCURRENT PRODUCTION, DEEP CUT SL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WEST COVE 055-06W5 TOTAL-WEST COVE	338			218	17	201		7 932	
WEST DRUMHELLER 029-21W4									
D-2 A SOLN	1 205	0.65	0.65	274 ^b			39		
D-2 A ASSOC	184	0.75	0.25	104 ^b	233 ^b	145	39	5 688	512
OTHER	613			333	32	301		11 557	
TOTAL-WEST DRUMHELLER	2 002			711	265	446		17 245	
WEST PRAIRIE 072-15W5 TOTAL-WEST PRAIRIE	6			3		3		117	
WESTEROSE 046-28W4									
UPPER MANNVILLE B		0.75	0.10				39		4 550
LOWER MANNVILLE F		0.75	0.15				40		150
LOWER MANNVILLE T	83	0.75	0.10	56			38		150
U MANN B, L MANN F&T TOTAL	3 692	0.75	0.10	2 492	2 245	247	39	9 653	
WABAMUN A	453	0.80	0.15	308	68	240	39	9 334	400
D-3 SOLN	5 146	0.65	0.15	2 843 ^b			42 ^a		
D-3 ASSOC	3 669	c	c	3 060 ^b	5 175 ^b	728	42 ^a	30 372	466
OTHER	3 709			2 495	765	1 730		67 937	
TOTAL-WESTEROSE	16 669			11 198	8 253	2 945		117 296	
WESTEROSE SOUTH 044-01W5									
UPPER MANNVILLE A	159	0.70	0.10	100			39		150
GLAUCONITIC A	6 099	0.90	0.10	4 940			40		6 466
GLAUCONITIC A	594	0.70	0.10	374			40		808
GLAUCONITIC A	529	0.70	0.10	333			40		1 431
GLAUCONITIC A	115	0.70	0.10	73			39		238
GLAUCONITIC A	3 159	0.70	0.10	1 990			40		3 161
GLAUCONITIC A	675	0.70	0.10	426			40		527
GLAUCONITIC A	4 000	0.90	0.10	3 240			40		2 658
GLAUCONITIC A	786	0.70	0.10	495			40		260
GLAUCONITIC A	643	0.70	0.10	405			41		944
GLAUCONITIC A	69	0.70	0.10	43			41		112
GLAUCONITIC A	590	0.70	0.10	372			39		1 074
GLAUCONITIC A	3 000	0.70	0.10	1 890			40		3 017
GLAUCONITIC A	161	0.75	0.10	109			40		230
BASAL QUARTZ F	55	0.70	0.10	35			39		150
UMN A, GLC A&BSL QTZ F TOTAL	20 634	0.80	0.10	14 825	13 069	1 756	40	69 643	
BANFF C ASSOC	273	0.70	0.15	162			37		302
BANFF C SOLN	407	0.65	0.20	212			37		
BANFF C ASSOC	6	0.70	0.15	3			36		24
BANFF C TOTAL	686	0.65	0.20	377	4	373			
WABAMUN B	554	0.85	0.20	377	73	304	37	11 218	400
D-3 A ASSOC	52 500	0.88	0.15	39 270 ^b	39 224 ^b	46	41	1 889	4 770
OTHER	4 209			2 821	915	1 906		74 603	
TOTAL-WESTEROSE SOUTH	78 583			57 670	53 285	4 385		157 353	
WESTLOCK 059-26W4									
VIKING		0.87	0.04				38		33 852
VIKING B		0.87	0.04				38		10 921
VIKING I		0.87	0.04				38		4 811
VIKING J		0.87	0.04				38		400
VIKING K		0.87	0.04				38		2 561
VIKING L		0.87	0.04				38		1 893
VIKING M		0.87	0.04				38		916
VIKING N		0.87	0.04				38		5 685
VIKING P		0.87	0.04				38		1 414
VIKING Q		0.70	0.05				38		200
VIK,VIK BIJLKMNP & Q TOTAL	13 170	0.85	0.05	11 000	10 848	152	38	5 799	
MIDDLE VIKING B	413	0.90	0.04	357	347	10	38	382	1 233

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
7.70	0.037	0.75	14 030	56	0.723	0.92 0.92	1 675.7	1952 1952	1996 1996	CANOR TCPL GPP CANOR TCPL GPP
7.39 5.90 4.80	0.127 0.130 0.150	0.55 0.75 0.60	11 490 13 290 12 940	66 63 67	0.832 0.814 0.840	0.73 0.74 0.70	1 689.4 1 750.0 1 751.4	1978 1987 1984 1978	1996 1998 1994 1998	PRODUCTION DECLINE PRODUCTION DECLINE PENWEST UNPACF GULF CRESTAR ENGAGE QUEBEC PROGAS PANCDN CNFRST PANCDN GULF CHEVRON PENWEST GULF PANCDN TCPL GAS CYCLING, CONCURRENT PRODUCTION CHEVRON PENWEST GULF PANCDN TCPL GAS CYCLING, CONCURRENT PRODUCTION
13.00	0.080	0.75	15 060	72	0.855	0.71 0.80	1 782.2	1995 1952	1997 1990	
64.36	0.088	0.90	17 470	81	0.826	0.80	2 129.2	1952	1990	
11.00 12.02 6.96 8.74 4.73 8.08 12.17 9.14 7.14 8.94 4.46 8.87 7.23 6.46 2.40	0.150 0.116 0.108 0.106 0.106 0.130 0.123 0.128 0.131 0.124 0.130 0.121 0.123 0.110 0.130	0.65 0.55 0.60 0.50 0.60 0.60 0.70 0.65 0.60 0.65 0.70 0.60 0.55 0.60 0.75	10 510 16 510 16 580 16 250 15 870 15 780 16 310 16 860 16 310 16 520 15 050 16 310 16 380 16 450 15 860	73 73 76 76 73 73 70 73 73 69 73 73 72 75 70	0.874 0.824 0.829 0.832 0.810 0.818 0.807 0.818 0.824 0.773 0.820 0.817 0.815 0.821 0.835	0.66 0.72 0.72 0.71 0.76 0.73 0.74 0.74 0.72 0.79 0.80 0.74 0.74 0.74 0.69	1 806.3 1 864.9 1 895.1 1 879.3 1 898.2 1 872.1 1 800.3 1 780.9 1 791.1 1 831.6 1 968.2 1 848.9 1 794.9 1 842.5 1 822.9	1981 1953 1953 1953 1953 1953 1953 1953 1953 1953 1953 1953 1953 1953 1987 1996 1953	1996 1993 1997 1993 1997 1997 1993 1993 1993 1993 1997 1993 1993 1997 1996 1997	MATERIAL BALANCE SLUSH OIL SLUSH OIL PRODUCTION DECLINE SLUSH OIL SLUSH OIL SLUSH OIL MATERIAL BALANCE MATERIAL BALANCE PRODUCTION DECLINE PRODUCTION DECLINE MATERIAL BALANCE MATERIAL BALANCE PENWEST AEL MARATHN RIGEL UNPACF AMOCO CNFRST GULF WASCANA PANCDN PROGAS QUEBEC TCPL ENGAGE ULSTER CRESTAR CHEVRON SLUSH OIL
6.13 1.83	0.140 0.110	0.70 0.85	14 370 14 230	67 66	0.798 0.841	0.81 0.75	1 845.1 1 837.8	1995 1995 1995	1998 1998 1995	
6.17 75.90	0.170 0.086	0.85 0.90	15 920 16 530	70 80	0.850 0.805	0.76 0.79	1 948.7 2 317.5	1995 1996 1953	1998 1998 1998	CRESTAR ENCAL PANCDN GULF PENWEST PANCDN GULF POCO QUEBEC TCPL CRESTAR MATERIAL BALANCE PREV GAS CYC. BLOW DOWN GPP
1.98 0.85 1.50 1.25 0.87 0.62 0.77 0.79 1.46 1.10	0.199 0.191 0.203 0.206 0.189 0.130 0.190 0.166 0.187 0.190	0.55 0.60 0.60 0.60 0.60 0.50 0.60 0.55 0.65 0.60	5 820 5 820 5 820 5 820 5 820 5 820 5 820 5 820 5 820 5 050	37 37 37 37 37 37 37 37 37 28	0.891 0.897 0.897 0.897 0.897 0.897 0.897 0.897 0.897 0.899	0.63 0.61 0.60 0.61 0.61 0.61 0.61 0.61 0.61 0.61	771.9 724.7 760.9 767.2 749.6 783.8 731.8 790.5 732.5 721.7	1949 1972 1953 1955 1949 1954 1961 1953 1959 1961 1949	1990 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990	MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL MATERIAL BALANCE SLUSH OIL RENERER CNRL CHEL GARDNER POCO PANALTA CWNGNUL TCPL IOL CENTRA AMOCO CNWE SLUSH OIL PANALTA IOL CWNGNUL PART OF VIK POOL NO.1 PRODUCTION DECLINE
3.09	0.186	0.60	5 820	37	0.897	0.61	783.0	1947	1996	

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WESTLOCK 059-26W4 (CONTINUED)									
LOWER MANNVILLE B	1 076	0.75	0.10	726	592	134	39	5 209	2 182
OTHER	4 240			2 860	1 149	1 711		64 681	
TOTAL-WESTLOCK	18 899			14 943	12 936	2 007		76 071	
WESTPEM 049-13W5									
OSTRACOD L	1 035	0.85	0.20	704	495	209	43	8 968	1 556
ELLERSLIE C	139	0.80	0.20	89			42		150
ROCK CREEK F	317	0.85	0.10	242			40		400
ELRS C & ROCK CR F TOTAL	456	0.85	0.15	331	22	309	40	12 511	
ELLERSLIE B	1 381	0.85	0.20	939			40		478
ROCK CREEK G	41	0.75	0.10	28			40		200
ELRS B & ROCK CK G TOTAL	1 422	0.85	0.20	967	13	954	40	38 322	
ROCK CREEK D	834	0.85	0.15	603	79	524	40	20 970	2 587
NISKU A SOLN	593	0.84	0.30	349 ^b			42		
NISKU A ASSOC		0.75	0.10		280 ^b	69	42	2 894	
NISKU E	1 160	c	c	709	336	373	45 ^a	16 695	87
OTHER	3 563			1 700	230	1 470		59 479	
TOTAL-WESTPEM	9 063			5 363	1 455	3 908		159 839	
WETASKIWIN 045-24W4									
TOTAL-WETASKIWIN	1 318			895	88	807		30 070	
WHISKEY 022-05W5									
RUNDLE A	1 102	0.85	0.25	703			41		200
RUNDLE B	178	0.70	0.20	100			41		400
RUNDLE A & B TOTAL	1 280	0.85	0.25	803	202	601	41	24 407	
TOTAL-WHISKEY	1 280			803	202	601		24 407	
WHITECOURT 060-11W5									
CADOMIN A		0.80	0.10				40		200
JURASSIC E		0.80	0.10				40		1 082
CADOMIN A&JURASSIC E TOTAL	2 546	0.80	0.10	1 833	1 672	161	40	6 376	
JURASSIC C	3 230	0.69	0.10	2 006	1 964	42	39	1 638	1 121
JURASSIC D	1 920	0.78	0.10	1 348	1 153	195	39	7 683	2 549
JURASSIC F	415	0.85	0.10	318	156	162	39	6 388	810
PEKISKO E	4 806	0.45	0.10	1 947	1 802	145	39	5 664	5 856
OTHER	1 042			723	285	438		17 095	
TOTAL-WHITECOURT	13 959			8 175	7 032	1 143		44 844	
WHITEHORSE 050-15W5									
GETHING C	150	0.75	0.15	96			42		150
ROCK CREEK E	530	0.85	0.20	361			41		200
GETHING C & ROCK CK E TOTAL	680	0.85	0.20	457	2	455	41	18 632	
ROCK CREEK B	1 180	0.75	0.10	797	121	676	40	26 851	1 879
ROCK CREEK D	433	0.85	0.15	313	40	273	40	10 792	400
NISKU A	442	0.80	0.05	336	112	224	36	7 952	200
NISKU B	780	0.80	0.15	530	457	73	38	2 746	128
OTHER	1 790			1 209	369	840		33 529	
TOTAL-WHITEHORSE	5 305			3 642	1 101	2 541		100 502	
WHITELAW 082-02W6									
SPIRIT RIVER F	262	0.70	0.05	174			38		1 240
SPIRIT RIVER G	103	0.60	0.05	59			37		990
SPIRIT RIVER H	124	0.70	0.10	78			37		1 018
SPIRIT RIVER J	51	0.70	0.05	34			37		548
SPIRIT RIVER K	52	0.70	0.05	34			37		500
SPIRIT RIVER L	24	0.65	0.05	15			37		250
SPIRIT RIVER M	23	0.65	0.05	14			37		250
SPIRIT RIVER N	231	0.70	0.05	154			37		500
SPIRIT RIVER O	69	0.70	0.05	46			37		500
SPRT RIVER FGHIJLMN&O TOTAL	939	0.70	0.05	608	251	357	37	13 363	
GETHING B	435	0.85	0.05	352	337	15	38	565	1 747
TRIASSIC D	621	0.85	0.05	502	27	475	35	16 844	400
OTHER	898			580	316	264		9 934	
TOTAL-WHITELAW	2 893			2 042	931	1 111		40 706	
WHITEMUD 051-25W4									
TOTAL-WHITEMUD	119			76	28	48		1 875	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
4.53	0.200	0.80	6 610	38	0.888	0.62	950.1	1951	1997	DUKE RENENER CNRL CWNGNUL TCPL IOL
2.96	0.138	0.75	32 370	84	0.926	0.98	2 527.4	1985	1998	PRODUCTION DECLINE
5.50	0.100	0.80	22 070	98	0.803	0.97	2 502.9	1992	1994	
5.93	0.090	0.75	23 260	97	0.903	0.68	2 557.8	1992	1996	POCO
15.47	0.138	0.70	19 940	96	0.795	0.95	2 478.4	1979	1996	
2.00	0.090	0.70	17 590	91	0.841	0.76	2 505.0	1990	1996	
2.95	0.096	0.75	16 780	99	0.845	0.78	2 528.0	1992	1998	POCO PANCDN NRTHSTR
						0.78		1977	1993	POCO
						0.78		1977	1993	CHEVRON DRY GAS BREAKTHRU, GPP
39.30	0.106	0.90	39 720	106	1.083	1.10	3 142.4	1978	1982	CHEVRON DRY GAS BREAKTHRU, GPP
										UNPACF CHEVRON PROGAS PREV GAS CYCLING, BLOWDOWN
41.45	0.070	0.75	25 680	75	0.829	0.87	3 516.3	1968	1996	TOP/BASE TVD
6.70	0.040	0.65	29 790	89	0.915	0.79	4 077.3	1976	1996	TOP/BASE TVD
								1968	1996	SHELL
10.67	0.168	0.50	12 830	55	0.835	0.65	1 507.9	1963	1997	MATERIAL BALANCE
4.61	0.165	0.50	12 830	56	0.838	0.65	1 546.3	1963	1997	MATERIAL BALANCE
								1963	1997	CNRL TCPL PCOG
3.02	0.167	0.65	12 700	63	0.861	0.63	1 538.4	1968	1996	UNPACF TCPL PCOG MATERIAL BALANCE
9.19	0.167	0.70	12 170	64	0.856	0.66	1 574.3	1965	1998	CNRL PROGAS TCPL PCOG MATERIAL BALANCE
3.87	0.210	0.50	12 940	68	0.857	0.65	1 628.8	1968	1996	CNRL TCPL PCOG
9.92	0.124	0.70	12 830	64	0.859	0.64	1 587.7	1963	1997	UNPACF CNRL CRESTAR POCO PROGAS TCPL PCOG MATERIAL BALANCE NONCOMMERCIAL OIL
4.70	0.130	0.80	21 450	87	0.830	0.78	2 767.6	1995	1998	TOP/BASE TVD
11.10	0.140	0.85	21 450	88	0.842	0.83	2 790.9	1995	1998	TOP/BASE TVD
								1995	1998	POCO
4.82	0.093	0.70	23 610	101	0.897	0.73	2 704.2	1978	1995	TCPL POCO TOP/BASE TVD
6.50	0.097	0.85	23 210	101	0.873	0.81	2 837.3	1995	1998	TCPL POCO
17.00	0.060	0.85	35 580	107	1.045	0.61	3 352.8	1980	1997	POCO
21.45	0.090	0.95	29 170	114	0.982	0.64	3 276.4	1981	1998	CONOCO POCO TCPL PRODUCTION DECLINE TOP/BASE TVD
2.50	0.249	0.50	6 410	28	0.891	0.56	718.1	1977	1997	DEEP CUT SL
2.13	0.228	0.50	4 120	23	0.925	0.56	620.1	1951	1997	DEEP CUT SL
1.59	0.241	0.50	6 100	33	0.893	0.59	687.2	1977	1997	DEEP CUT SL
1.46	0.243	0.50	5 000	25	0.902	0.59	631.1	1972	1994	
2.10	0.237	0.35	5 610	26	0.895	0.59	662.8	1977	1994	
2.40	0.240	0.50	3 180	21	0.935	0.59	512.8	1990	1990	
2.30	0.310	0.35	3 540	22	0.929	0.59	542.9	1990	1990	
6.15	0.233	0.50	6 070	28	0.890	0.59	697.0	1977	1994	
1.65	0.255	0.50	6 170	28	0.888	0.59	705.9	1977	1994	
3.26	0.191	0.65	7 540	33	0.878	0.57	878.2	1959	1998	AEL TCPL DEEP CUT SL
12.50	0.220	0.70	7 830	37	0.891	0.59	985.8	1994	1995	CWNGNUL TCPL PROGAS PRODUCTION DECLINE PROGAS

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WHITFORD 058-16W4 TOTAL-WHITFORD	3 152			1 834	985	849		31 616	
WIDEWATER 073-08W5 TOTAL-WIDEWATER	193			127		127		4 679	
WILD RIVER 056-24W5									
CARDIUM A	127	0.75	0.10	86			41		200
VIKING C	494	0.80	0.10	356			41		600
CARDIUM A & VIKING C TOTAL	621	0.80	0.10	442	8	434	41	17 655	
VIKING B	381	0.90	0.10	309	1	308	40	12 209	400
SPIRIT RIVER A	220	0.75	0.10	149			40		500
BLUESKY A	768	0.60	0.10	415			40		1 386
CADOMIN C	82	0.75	0.05	59			38		150
SPRTR A,BLSK A&CDM C TOTAL	1 070	0.65	0.10	623	72	551	40	21 836	
LEDUC D	641	0.85	0.05	518	38	480	37	17 875	200
OTHER	2 014			1 472	513	959		36 907	
TOTAL-WILD RIVER	4 727			3 364	632	2 732		106 482	
WILDCAT HILLS 027-06W5									
RUNDLE A	32 085	0.88	0.15	24 000	19 975	4 025	39	155 043	4 513
RUNDLE B	3 147	0.85	0.20	2 140	210	1 930	38	73 765	843
RUNDLE D	2 317	0.60	0.15	1 182		1 182	39	45 755	200
RUNDLE E	1 040	0.60	0.15	530	16	514	39	19 897	200
TV 08-028-06	720	0.85	0.15	520		520	39	20 129	200
OTHER	1 033			714	258	456		17 850	
TOTAL-WILDCAT HILLS	40 342			29 086	20 459	8 627		332 439	
WILDHAY (SA) 055-24W5									
CARD SD 10-055-24	534	0.85	0.10	409		409	40	16 552	200
TOTAL-WILDHAY	534			409		409		16 552	
WILDHORSE CREEK 031-10W5									
RUNDLE A	2 458	0.50	0.20	983	882	101	38	3 812	668
TOTAL-WILDHORSE CREEK	2 458			983	882	101		3 812	
WILDMERE 048-05W4									
COLONY BB		0.75	0.05				36		1 292
MCLAREN A		0.70	0.05				36		128
MCLAREN B	65	0.50	0.05	31			36		200
WASECA A ASSOC		0.70	0.05				36		154
WASECA B	28	0.60	0.05	16			36		64
CLY BB,MCL AB&WASC AB TOTAL	681	0.70	0.05	447	437	10			
COLONY Z	380	0.75	0.05	271			36		659
COLONY XXX	7	0.70	0.05	5			36		64
REX C	1	0.65	0.05	1			36		16
LLOYDMINSTER X	97	0.60	0.05	55			35		400
CLY Z,XXX,REX C&LLYDX TOTAL	485	0.70	0.05	332	315	17	36	611	
LLOYDMINSTER A ASSOC		0.65	0.05				35		176
LLOYDMINSTER A SOLN	639	0.51	0.20	261 ^b			35		
LLOYDMINSTER A ASSOC		0.70	0.05				35		32
LLOYDMINSTER A ASSOC		0.70	0.05				35		4
LLOYDMINSTER A ASSOC		0.60	0.05				35		3
LLOYDMINSTER A ASSOC		0.60	0.05				35		39
LLOYDMINSTER A ASSOC		0.65	0.05				35		9
LLOYDMINSTER A ASSOC		0.60	0.05				35		13
LLOYDMINSTER A ASSOC		0.60	0.05				35		30
LLOYDMINSTER A ASSOC		0.65	0.05				35		16
LLOYDMINSTER A ASSOC		0.65	0.05				35		16
SPARKY E ASSOC		0.70	0.05				35		52
SPARKY E ASSOC		0.70	0.05				35		69
LLOYD A & SPARKY E TOTAL	843	0.55	0.15	393 ^b	337 ^b	56	35	1 973	
OTHER	6 137			4 003	2 345	1 658		59 216	
TOTAL-WILDMERE	8 146			5 175	3 434	1 741		61 800	
WILDUNN CREEK 029-14W4									
VIKING B	452	0.70	0.05	300	196	104	37	3 834	2 699
OTHER	459			303	236	67		2 485	
TOTAL-WILDUNN CREEK	911			603	432	171		6 319	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
5.20	0.090	0.80	17 080	76	0.823	0.71	2 168.0	1994	1997	
3.63	0.147	0.65	28 090	91	0.925	0.67	2 655.6	1994	1997	
3.80	0.141	0.75	28 350	91	0.935	0.69	2 687.0	1980	1998	PROGAS
4.40	0.075	0.60	26 090	90	0.918	0.66	2 904.9	1993	1996	PCOG CHEL PROGAS
3.32	0.108	0.70	27 010	99	0.935	0.68	2 940.1	1980	1998	
4.70	0.080	0.65	27 600	93	0.958	0.61	3 060.1	1996	1996	TOP/BASE TVD
57.00	0.030	0.70	39 360	113	1.083	0.57	4 160.5	1980	1998	PROGAS PCOG CHEL CNRL
67.18	0.075	0.85	26 960	84	0.921	0.69	2 948.8	1958	1994	SHELL CWNGNUL TCPL PCOG AMOCO PRODUCTION DECLINE TOP/BASE TVD
27.19	0.080	0.85	23 090	86	0.906	0.68	3 411.0	1995	1998	
92.30	0.060	0.85	31 500	100	0.976	0.69	3 424.8	1998	1998	TOP/BASE TVD
34.80	0.070	0.90	29 370	96	0.954	0.69	3 225.7	1998	1998	TOP/BASE TVD
19.50	0.090	0.85	29 710	94	0.954	0.69	3 125.5	1997	1998	PCOG TOP/BASE TVD
15.00	0.120	0.75	20 730	82	0.839	0.75	2 466.5	1980	1994	PCOG PARAMNT ENRMARK
26.69	0.077	0.85	21 720	62	0.859	0.66	2 164.5	1960	1997	RIOALTO PCOG PANALTA TCPL PRODUCTION DECLINE TOP/BASE TVD
2.30	0.295	0.75	3 960	19	0.926	0.57	580.9	1976	1996	PRODUCTION DECLINE
8.00	0.270	0.80	3 330	18	0.936	0.58	597.4	1989	1996	PRODUCTION DECLINE
11.00	0.260	0.85	1 360	24	0.975	0.58	579.8	1994	1994	NONCOMMERCIAL OIL
4.55	0.285	0.85	3 960	24	0.930	0.57	589.7	1976	1996	PRODUCTION DECLINE OIL DEPLETED
4.10	0.280	0.90	4 090	25	0.928	0.58	615.8	1989	1996	NONCOMMERCIAL OIL
2.14	0.283	0.65	4 160	24	0.920	0.61	601.9	1979	1995	HUSKY PANALTA PROGAS OIL DEPLETED
1.40	0.330	0.70	3 200	24	0.942	0.58	606.5	1985	1996	PRODUCTION DECLINE
1.30	0.270	0.40	4 580	27	0.921	0.58	669.2	1985	1994	
2.40	0.290	0.75	4 450	23	0.920	0.59	672.5	1985	1997	
0.86	0.305	0.80	4 520	25	0.921	0.60	610.8	1979	1997	PANALTA
0.81	0.303	0.80	3 870	24	0.931	0.60	590.4	1963	1995	PRODUCTION DECLINE GPP
1.05	0.310	0.80	4 520	22	0.917	0.60	577.0	1963	1993	PRODUCTION DECLINE GPP
0.43	0.320	0.80	4 520	22	0.917	0.60	635.1	1963	1990	PRODUCTION DECLINE
0.79	0.315	0.80	4 520	26	0.922	0.60	647.8	1963	1990	PRODUCTION DECLINE
0.56	0.320	0.80	4 520	22	0.917	0.60	649.8	1963	1990	PRODUCTION DECLINE
0.92	0.310	0.75	4 520	22	0.917	0.60	660.4	1963	1990	PRODUCTION DECLINE
2.63	0.300	0.80	4 250	25	0.925	0.60	637.0	1963	1992	PRODUCTION DECLINE
1.83	0.300	0.80	4 520	22	0.918	0.60	631.3	1963	1992	PRODUCTION DECLINE ASSIGNED WELL
1.52	0.300	0.80	4 520	22	0.918	0.60	596.7	1963	1992	O3-26-047-05W4M
1.12	0.260	0.70	4 530	21	0.919	0.59	597.6	1963	1990	PRODUCTION DECLINE ASSIGNED WELL
1.03	0.300	0.60	4 530	24	0.922	0.59	598.8	1963	1990	11-26-047-05W4M
								1963	1995	PRODUCTION DECLINE
										TALISMA HUSKY TCPL AMOCO GPP
1.85	0.199	0.55	7 800	33	0.876	0.59	948.5	1953	1997	CRESTAR GULF WASCANA CNFRST TCPL

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY frac	SURFACE LOSS frac	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WILDWOOD 054-09W5 TOTAL-WILDWOOD	474			332		332		13 128	
WILLESDEN GREEN 042-07W5 BELLY RIVER J SOLN	12	0.65	0.40	5 ^b			39		
BELLY RIVER J ASSOC	543	0.65	0.10	318 ^b	194 ^b	129	39	5 093	614
CARDIUM A ASSOC	1 867	0.90	0.10	1 512 ^b			41		10 712
CARDIUM A SOLN	24 922	0.45	0.54	5 159 ^b			41		
CARDIUM A ASSOC	1 299	0.85	0.10	994 ^b			40		4 697
CARDIUM A MU#1 TOTAL	28 088	0.50	0.45	7 665 ^b	3 903 ^b	3 762	41	152 549	
VIKING H SOLN	569	0.65	0.15	315 ^b			41		
VIKING H ASSOC	128	0.80	0.15	87 ^b	309 ^b	93	41	3 811	200
VIKING A ASSOC	12	0.75	0.15	8 ^b			41		64
VIKING A SOLN	2 226	0.65	0.15	1 230 ^b			41		
VIKING A ASSOC	257	0.75	0.15	164 ^b			41		469
VIKING A TOTAL	2 495	0.65	0.15	1 402 ^b	1 327 ^b	75	41	3 096	
GLAUCONITIC D ASSOC	550	0.80	0.10	396	252	144	40	5 754	2 741
GLAUCONITIC C	8 526	0.70	0.10	5 371			40		8 820
ELLERSLIE G	2 035	0.50	0.10	916			39		2 265
GLAUC C & ELLERSLIE G TOTAL	10 561	0.65	0.10	6 287	2 952	3 335	40	133 700	
GLAUCONITIC A ASSOC	650	0.80	0.15	442 ^b			41		904
GLAUCONITIC A SOLN	577	0.26	0.35	98 ^b			41		
GLAUC A & ELLERSLIE D TOTAL	1 227	0.55	0.20	540 ^b	210 ^b	330	41	13 444	
OSTRACOD E	598	0.85	0.10	457	113	344	39	13 478	1 222
ROCK CREEK K	556	0.90	0.10	450	60	390	39	15 358	200
OTHER	9 343			5 607	1 824	3 783		152 053	
TOTAL-WILLESDEN GREEN	54 670			23 529	11 144	12 385		498 336	
WILLINGDON 055-15W4 TOTAL-WILLINGDON	5 575			3 534	2 637	897		33 662	
WILLOW 028-17W4 TOTAL-WILLOW	947			633	213	420		15 921	
WILSON CREEK 043-04W5 BELLY RIVER A ASSOC	222	0.55	0.10	110 ^b			39		2 055
BELLY RIVER A SOLN	897	0.65	0.20	466 ^b			39		
BELLY RIVER A ASSOC	14	0.70	0.10	9 ^b			39		107
BELLY RIVER A & M TOTAL	1 133	0.65	0.20	585 ^b	337 ^b	248	39	9 672	
GLAUCONITIC B	655	0.85	0.10	501	267	234	39	9 180	1 068
GLAUCONITIC A	3 035	0.15	0.10	410			40		7 750
LOWER MANNVILLE A	33	0.75	0.10	23			39		150
ROCK CREEK D	19	0.70	0.15	11			41		75
GLC A, LMN A & RKCK D TOTAL	3 087	0.15	0.10	444	310	134	40	5 314	
ROCK CREEK C	89	0.75	0.10	60			40		128
PEKISKO B	4 063	0.35	0.15	1 209			41		6 881
ROCK CK C & PEKISKO B TOTAL	4 152	0.35	0.15	1 269	647	622	41	25 583	
PEKISKO A	1 415	0.85	0.15	1 023	847	176	40	7 088	2 540
BANFF C	767	0.85	0.15	554	544	10	41	406	1 511
OTHER	2 462			1 568	863	705		28 281	
TOTAL-WILSON CREEK	13 671			5 944	3 815	2 129		85 524	
WIMBORNE 034-26W4 BELLY RIVER B	555	0.65	0.05	343	286	57	36	2 054	5 119

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
						0.68		1955	1989	BEAU IOL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION
2.63	0.141	0.75	9 130	41	0.812	0.68	1 543.3	1955	1989	BEAU IOL AMOCO PRODUCTION DECLINE CONCURRENT PRODUCTION
1.33	0.116	0.80	20 170	58	0.802	0.70	1 772.3	1954	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
2.94	0.098	0.35	19 830	66	0.802	0.70	1 831.8	1954	1998	PRODUCTION DECLINE CONCURRENT PRODUCTION
						0.76				PANALTA BEAU UNPACF WASCANA GULF CWNGNU
						0.76				TALISMA CNFRST APACHE DIRECT IOL POCO
						0.77				RIFE TCPL ENGAGE GARDNER CRESTAR
						0.77				CONCURRENT PRODUCTION
3.63	0.129	0.60	23 690	78	0.841	0.76	2 244.9	1983	1994	PCOG APACHE TCPL CONCURRENT PRODUCTION
1.83	0.080	0.70	17 170	76	0.796	0.77	2 155.2	1956	1994	PCOG APACHE TCPL CONCURRENT PRODUCTION
						0.77				CONCURRENT PRODUCTION
3.17	0.129	0.70	19 220	79	0.810	0.77	2 317.8	1956	1994	CONCURRENT PRODUCTION
										PROGAS AEL PCOG PANCDN PANALTA BEAU
4.36	0.123	0.75	18 410	97	0.877	0.70	2 247.3	1981	1998	WASCANA CNFRST CRESTAR GARDNER POCO TCPL
6.04	0.114	0.60	25 500	78	0.883	0.70	2 371.1	1958	1996	APACHE AMOCO CONCURRENT PRODUCTION
4.60	0.108	0.80	24 400	79	0.872	0.73	2 340.1	1964	1995	APACHE AMOCO CONCURRENT PRODUCTION
								1958	1996	CONCURRENT PRODUCTION
2.66	0.134	0.85	24 740	78	0.845	0.79	2 266.8	1962	1997	CONCURRENT PRODUCTION
						0.79				PROGAS AEL PCOG PANCDN PANALTA BEAU
3.10	0.111	0.80	19 040	81	0.860	0.69	2 483.0	1988	1996	WASCANA CNFRST CRESTAR GARDNER POCO TCPL
12.45	0.140	0.75	22 390	80	0.848	0.76	2 362.0	1994	1996	APACHE AMOCO CONCURRENT PRODUCTION
										APACHE AMOCO CONCURRENT PRODUCTION
										CONCURRENT PRODUCTION
3.79	0.147	0.55	5 900	40	0.877	0.68	1 281.4	1979	1995	CONCURRENT PRODUCTION
						0.68				OIL DEPLETED
1.65	0.120	0.65	9 270	40	0.832	0.64	1 261.7	1979	1996	PRODUCTION DECLINE CONCURRENT PRODUCTION,
										OIL DEPLETED
3.79	0.117	0.70	17 950	57	0.783	0.75	2 091.2	1967	1995	ASSIGNED WELL 16-17-043-04W5M
3.28	0.108	0.65	17 750	82	0.836	0.74	2 060.0	1970	1998	ENCAL TCPL PROGAS MARATHN POCO PCOG RIGEL
8.84	0.100	0.70	18 720	81	0.855	0.71	2 119.9	1970	1998	PANCDN BEAU ALTAGAS DIRECT CHEL CONCURRENT
2.70	0.110	0.70	12 680	75	0.845	0.71	2 115.5	1994	1997	PRODUCTION, OIL DEPLETED
										ENCAL MARATHN PANALTA UNPACF PANCDN TCPL
4.60	0.150	0.60	18 160	85	0.855	0.70	2 114.0	1995	1997	PRODUCTION DECLINE
6.42	0.062	0.85	18 600	84	0.852	0.71	2 159.9	1966	1998	CONWEST TCPL QUEBEC PROGAS POCO PCOG RIGEL
										ENRMARK BEAU UNPACF IOL
6.32	0.066	0.75	19 040	86	0.847	0.76	2 136.5	1960	1998	PRODUCTION DECLINE
4.68	0.090	0.75	19 030	84	0.834	0.77	2 123.7	1979	1995	ENCAL TCPL PROGAS MARATHN PCOG RIGEL
										PANCDN PANALTA UNPACF CHEL AMOCO
										ENCAL CONWEST PCOG RIGEL PANALTA ALTAGAS
										CHEL
										PCOG RIGEL UNPACF TCPL PROGAS PRODUCTION
										DECLINE
3.36	0.192	0.60	4 040	39	0.939	0.59	1 018.9	1974	1998	QUEBEC POCO PROGAS PANALTA TCPL PRODUCTION
										DECLINE

TABLE 4-5

FIELD AND/OR GAS STRIKE AREA POOL OR ZONE	1	2	3	4	5	6	7	8	9
	RAW GAS			MARKETABLE GAS					AREA
	INITIAL VOLUME IN PLACE 10 ⁶ m ³	POOL RECOVERY FRAC	SURFACE LOSS FRAC	INITIAL ESTABLISHED RESERVES 10 ⁶ m ³	NET CUMULATIVE PRODUCTION 10 ⁶ m ³	REMAINING ESTABLISHED RESERVES 10 ⁶ m ³	GROSS HEAT VALUE MJ/m ³	REMAINING ENERGY CONTENT TJ	
WIMBORNE 034-26W4 (CONTINUED)									
D-2 A SOLN	711	0.65	0.25	347	36	311	36	11 171	1 513
D-2 B ASSOC	1 297	0.85	0.40	661 ^b			41		
D-2 B SOLN	336	0.65	0.40	131 ^b			41		135
NISKU B ASSOC	93	0.75	0.10	63 ^b			38		
D-2 B TOTAL	1 726	0.80	0.40	855 ^b	272 ^b	583	40	23 547	
D-3 A SOLN	2 678	0.60	0.30	1 125 ^b			35		
D-3 A ASSOC	10 325	0.60	0.25	4 646 ^b	5 734 ^b	37	35	1 285	5 522
OTHER	1 448			879	562	317		12 132	
TOTAL-WIMBORNE	17 443			8 195	6 890	1 305		50 189	
WINCHELL COULEE 029-06W5									
TOTAL-WINCHELL COULEE	354			234	69	165		6 899	
WINDFALL 060-15W5									
WINTERBURN A	622	0.85	0.30	370	61	309	38	11 649	200
D-2 A ASSOC	1 259	0.75	0.35	614	225	389	38	14 891	400
D-3 A SOLN	4 502	0.65	0.35	1 902 ^b			42 ^a		
D-3 A ASSOC	21 288	C	C	7 560 ^b	8 071 ^b	1 391	42 ^a	59 006	4 738
OTHER	8 308			4 039	1 756	2 283		88 257	
TOTAL-WINDFALL	35 979			14 485	10 113	4 372		173 803	
WINDY 049-04W4									
TOTAL-WINDY	879			565	361	204		7 084	
WINTERING HILLS 025-17W4									
MILK RIVER A	1 940	0.50	0.05	922			36		22 549
MEDICINE HAT A	5 861	0.70	0.03	3 980			36		55 909
SECOND WHITE SPECKS A	18	0.70	0.05	12			36		200
SECOND WHITE SPECKS B	25	0.70	0.05	17			37		348
SECOND WHITE SPECKS C	8	0.70	0.05	6			37		200
SE ALTA GAS SYS(MU) TOTAL	7 852	0.65	0.05	4 937	745	4 192	36	152 882	
UPPER MANNVILLE K	563	0.85	0.10	431	238	193	38	7 334	2 338
LOWER MANNVILLE C	485	0.85	0.10	371	244	127	39	4 928	2 539
ELLERSLIE A ASSOC	2 767	0.70	0.10	1 743 ^b	670 ^b	1 073	39	41 772	5 047
OTHER	4 036			2 557	1 485	1 072		40 725	
TOTAL-WINTERING HILLS	15 703			10 039	3 382	6 657		247 641	
WIZARD LAKE 048-27W4									
D-3 A SOLN	6 965	0.85	0.28	4 262 ^b			47		
D-3 A ASSOC		0.85	0.10		-1 655 ^b	5 917	47	278 158	
OTHER	1 959			1 296	651	645		25 265	
TOTAL-WIZARD LAKE	8 924			5 558	-1 004	6 562		303 423	
WOKING 075-05W6									
BLUESKY B	435	0.80	0.05	331	226	105	38	4 008	861
OTHER	2 327			1 574	594	980		37 368	
TOTAL-WOKING	2 762			1 905	820	1 085		41 376	
WOLF SOUTH 051-15W5									
ROCK CREEK A	708	0.85	0.10	542	30	512	40	20 465	400
ROCK CREEK B	1 222	0.75	0.10	825	76	749	39	29 204	1 637
ROCK CREEK D	408	0.85	0.05	330	14	316	38	12 090	400
OTHER	1 217			865	98	767		30 898	
TOTAL-WOLF SOUTH	3 555			2 562	218	2 344		92 657	
WOLVERINE 098-15W5									
BLUESKY A	457	0.70	0.05	304	273	31	37	1 133	15 090
GETHING-WABAMUN A	386	0.60	0.05	220			37		4 150
GETHING-WABAMUN A	3 363	0.60	0.05	1 917			37		27 468
GETHING-WABAMUN A	57	0.65	0.05	35			37		1 095
GETHING-WABAMUN A	63	0.65	0.05	39			37		451
GETHING-WABAMUN A	6	0.65	0.05	4			37		69
GETHING-WABAMUN A	4	0.60	0.05	2			37		150
GETHING-WABAMUN A TOTAL	3 879	0.60	0.05	2 217	674	1 543	37	56 767	

10	11	12	13	14	15	16	17	18	19	20
AVERAGE PAY THICKNESS	POROSITY	GAS SATN	INITIAL PRESSURE	TEMP	COMPRESS	RAW GAS RELATIVE DENSITY	MEAN FORMATION DEPTH	DISC YEAR	DATE LAST REVIEWED	DISPOSITION AND REMARKS
m	frac	frac	kPa	°C	frac	frac	m KB			
9.06	0.051	0.80	20 370	77	0.714	0.77 0.88	2 213.1	1961 1956	1998 1997	OIL DEPLETED GPP CONCURRENT PRODUCTION, GPP
5.97	0.080	0.85	17 570	77	0.845	0.88 0.72	2 206.6	1956 1956 1954	1997 1997 1998	CONCURRENT PRODUCTION, GPP ASSIGNED WELL 00/8-3-34-26W4M TCPL CONCURRENT PRODUCTION, GPP TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
12.73	0.080	0.90	20 750	80	0.839	0.82	2 278.1	1954	1998	TCPL PRODUCTION DECLINE CONCURRENT PRODUCTION
15.00	0.120	0.85	22 570	97	0.854	0.82	2 962.5	1997	1998	
12.50	0.120	0.95	23 620	96	0.824	0.89 0.85	2 523.6	1978 1955	1998 1987	GAS PROD BEFORE OIL DISC. OIL DEPLETED TALISMA AMOCO PREV GAS CYCLING, BLOWDOWN, GPP
32.92	0.064	0.85	26 100	104	0.856	0.85	2 581.9	1955	1987	TALISMA AMOCO PREV GAS CYCLING, BLOWDOWN, GPP
3.34	0.154	0.55	3 140	16	0.938	0.56	478.9	1910	1994	PART OF MILK RIV POOL NO.1 PRODUCTION DECLINE
2.43	0.170	0.55	4 310	17	0.916	0.56	603.0	1904	1987	PART OF MED HAT POOL NO.1
1.75	0.169	0.50	5 690	28	0.905	0.57	834.9	1944	1990	PART OF 2WS POOL NO.1
1.17	0.180	0.55	5 930	31	0.904	0.57	803.4	1979	1993	
1.00	0.120	0.55	6 160	32	0.902	0.57	831.0	1979 1904	1991 1994	MARATHN CNRL ENGAGE TALISMA CRESTAR POCO PANCDN IOL PANALTA TCPL PROGAS
1.52	0.215	0.70	9 810	44	0.836	0.66	1 171.5	1979	1997	PANCDN IOL TCPL
2.31	0.170	0.50	9 930	34	0.813	0.65	1 194.7	1955	1997	PANCDN IOL TCPL PRODUCTION DECLINE
5.82	0.173	0.50	9 750	39	0.816	0.66	1 150.0	1963	1995	CRESTAR TCPL PANCDN PART OF ELRSL POOL NO.1 CONCURRENT PRODUCTION
						0.92 0.92		1951 1951	1993 1993	GAS BREAKTHRU GPP GAS BREAKTHRU GPP
1.91	0.180	0.60	12 160	51	0.851	0.60	1 406.0	1959	1986	AEL CWNGNUL PROGAS MATERIAL BALANCE
9.15	0.130	0.80	21 230	99	0.873	0.75	2 624.7	1981	1998	TALISMA NRTHSTR
5.55	0.100	0.70	22 570	99	0.898	0.71	2 624.7	1992	1998	TCPL POCO
9.50	0.083	0.70	22 930	106	0.930	0.65	2 807.4	1996	1998	
0.97	0.271	0.25	2 660	16	0.946	0.58	368.5	1976	1996	WASCANA QUEBEC NRTHSTR PRODUCTION DECLINE
3.22	0.301	0.35	2 630	15	0.946	0.57	418.8	1976	1996	
10.71	0.118	0.35	2 640	14	0.945	0.57	387.7	1976	1998	
1.26	0.274	0.55	2 630	15	0.946	0.57	391.4	1976	1995	
2.72	0.310	0.60	2 630	15	0.946	0.57	373.1	1976	1996	
1.41	0.330	0.65	2 650	15	0.945	0.57	435.9	1976	1995	
1.10	0.180	0.60	2 220	15	0.954	0.57	343.5	1976	1996 1998	ASSIGNED WELL 00/05-25-099-17W5M WASCANA QUEBEC HUSKY NRTHSTR

[illegible]

a MEASURED HEATING VALUE.
b INCLUDES SOLUTION GAS PRODUCTION.
c POOL RECOVERY AND SURFACE LOSS CALCULATED ON AN ENERGY BASIS. SEE TABLE 4-2.

5 ETHANE CONTENT OF GAS

This chapter discusses the 1998 production of ethane and presents the Board's estimate of the total volume of ethane contained in the remaining established reserves of gas. Although the Board believes that ethane extraction at crude-oil refineries and at plants processing synthetic crude oil may become viable in the future, it has not attempted to estimate the prospective reserves from those sources. The effect of future ethane recovery at gas reprocessing plants on Alberta's remaining established reserves of marketable gas is discussed in Chapter 4.

Ethane is defined in the Oil and Gas Conservation Act as "in addition to its normal scientific meaning, a mixture mainly of ethane which ordinarily may contain some methane or propane". Although the 1998 ethane recovery data conform with this definition, the ethane reserve estimates are calculated on the basis of ethane product assumed to be 100 per cent ethane.

Ethane volumes are given in the standard unit of cubic metres of ethane liquid at equilibrium pressure and 15 degrees Celsius. However, in Table 5-1, ethane reserves are also given in cubic metres of ethane gas at 101.325 kilopascals and 15 degrees Celsius. A conversion factor of 0.003 55 cubic metres of ethane liquid per cubic metre of ethane gas is used.

5.1 Ethane in the Remaining Established Reserves of Gas

The Board has developed a computer file of compositional gas analyses, which has been used extensively in preparing the ethane reserve estimates in this section. Where a gas analysis was not available for a particular pool, a field or area average for the zone was used.

As shown in Table 5-1, the ethane content in liquefied form of the total remaining established reserves of marketable gas in some 238 million cubic metres, some 187 million of which is in currently producing pools and the remaining 51 million in unconnected or deferred pools. Of the ethane content in unconnected pools, some 1.3 million cubic metres is in pools currently considered beyond economic reach and some 0.3 million in confidential pools. These reserves exclude volumes of ethane recoverable from solvent flood banks.

The Board has also estimated the contribution to reserves of the ethane component of the solvent bank injected into several pools throughout the province to enhance oil recovery. Pool recovery factors based on Board studies were used to estimate the solvent bank recoverable from each pool. An evaluation of both the injected and reproduced solvent volumes has resulted in the Board's estimates of the ethane volume recoverable from solvent floods. The 1998 estimate of ethane "Recoverable from Solvent Floods" (as stated at the end of Table 5-1) excludes volumes contained in push gas, as these volumes are included under the individual pool reserve estimates.

For individual gas pools, the ethane content of marketable gas in Alberta, with few exceptions, falls within the range of 0.002 5 to 0.20 mole per mole. The 31 December 1998 volume-weighted average ethane content of all remaining established marketable gas was 0.054 mole per mole, as indicated in Table 5-1.

5.2 Extraction of Specification Ethane in 1998

During 1998, levels of production decreased at the Dome Empress plant. The result was an overall decrease in extraction of specification ethane from 11 017 thousand cubic metres in 1997 to 10 681 thousand cubic metres in 1998, an decrease of 3.0 per cent.

5.3 Extraction of Ethane-plus Product in 1998

The total production of ethane-plus for 1998 was 4772 thousand cubic metres with an estimated ethane content of approximately 0.61 mole per mole.

TABLE 5-1 Ethane in the Remaining Established Reserves of Gas
As at 31 December 1998

Fields	Remaining Established Reserves of Marketable Gas	Ethane Content ^a	Volume of Ethane	
			10 ⁶ m ³ (gas)	10 ⁶ m ³ (liquid)
Major Fields				
Bonnie Glen	7 935	0.165	1 309	4.65
Brazeau River	20 441	0.095	1 942	6.89
Caroline	18 678	0.174	3 247	11.53
Elmworth	20 251	0.064	1 297	4.6
Kaybob South	16 492	0.102	1 683	5.97
Pembina	24 427	0.093	2 271	8.06
Rainbow	11 980	0.132	1 580	5.61
Ricinus	15 573	0.084	1 302	4.62
Sylvan Lake	8 676	0.096	829	2.94
Valhalla	12 993	0.072	932	3.31
Wapiti	13 824	0.071	982	3.49
Willesden Green	12 385	0.099	1 230	4.37
Wizard Lake	6 562	0.149	979	3.48
Subtotal	190 217	0.103	19 583	70.

TABLE 5-1 (continued)

Fields	Remaining Established Reserves of Marketable Gas	Ethane Content ^a	Volume of Ethane	
			10 ⁶ m ³ (gas)	10 ⁶ m ³ (liquid)
Fields with over 1.50 × 10 ⁹ m ³ of remaining established marketable gas but under 3.0 × 10 ⁶ m ³ of ethane reserves	782 767	0.047	36 959	131
Subtotal	964 300	0.058	55 714	198
All other remaining established reserves of marketable gas	275 515	0.041	11 376	40
Total	1 239 815	0.054	67 090	238
Recoverable from solvent floods			8 423	30
Provincial Total			75 513 (2 680) ^b	268 (1 696) ^c

- a Volume-weighted average. In several fields, ethane is extracted at field plants such that the actual ethane content of marketable gas from these fields is substantially less than this calculated content.
- b Imperial equivalent in billions of cubic feet.
- c Imperial equivalent in millions of barrels.



6 RESERVES OF NATURAL GAS LIQUIDS

Natural gas liquids are defined in the Oil and Gas Conservation Act as "propane, butanes, or pentanes plus, or a combination of them, obtained from the processing of raw gas or condensate". For the purposes of this report, condensate recovered in stock tanks and marketed without processing is included in the reserves of pentanes plus. Also included in the pentanes plus category are higher-vapour-pressure products that contain substantial quantities of butanes recovered at several plants throughout the province.

6.1 Provincial Summary

The Board estimates the remaining established reserves of natural gas liquids in the province as at 31 December 1998 to be 231 million cubic metres. During 1998, the Board continued to improve its computerized database. The changes to the formations on Table 6-1 reflect a more specific zone description. Although this effort has not significantly affected the provincial reserves, it has caused some minor variations in reserves associated with specific formations. Overall, the Board believes this year's estimates are an improvement over previous ones. The changes in the reserves during the past year are tabulated below:

	Established Reserves			
	Propane	Butanes	Pentanes Plus	Total
	10 ⁶ m ³ (liquid)			
Remaining at 31 December 1997	91.4	51.9	95.1	238.4
Additions during 1998	5.3	3.2	5.3	13.8
Less net production ^a during 1998	8.1	3.9	9.2	21.2
Remaining at 31 December 1998	88.6	51.2	91.2	231.0
	(558.4) ^b	(322.2) ^b	(574.2) ^b	(1 454.8) ^b
Cumulative net production ^a to 31 December 1998	178.2	103.1	249.7	531.0
Initial established reserves at 31 December 1998	266.8	154.3	340.9	762.0
	(1 680.8) ^b	(971.6) ^b	(2 145.2) ^b	(4 797.6) ^b

a Net production means production less those volumes returned to the formation or injected to enhance the recovery of oil.

b Imperial equivalent in millions of barrels.

Also during 1998 propane and butanes recovery at crude-oil refineries was 327.0 and 862.9 thousand cubic metres, respectively. Although propane and butanes are potentially recoverable at other crude-oil refineries and from processing crude bitumen, the Board has not attempted to estimate the prospective reserves from those sources.

6.2 Major Changes to Recoverable Reserves of Natural Gas Liquids

During 1998 changes to the reserves of natural gas liquids occurred as a result of reserves additions and deletions, re-evaluation of plant recovery efficiencies and gas and liquids production. The most notable of these changes were decreases in the Brazeau River, Caroline and Kaybob South fields and increases in the Ansell and Swan Hills fields. The overall result of the changes is a significant reduction in the remaining reserves of natural gas liquids compared to 1997 levels, as shown in the tabulation in Section 6.1.

6.3 Determination of Recoverable Reserves of Natural Gas Liquids

The remaining established reserves of natural gas liquids consist of liquids that are expected to be extracted from the province's remaining established reserves of raw gas. The liquids recoverable from pools currently producing and connected to gas processing plants were generally determined using remaining recoverable raw-gas reserves, a raw-gas analysis, and the current plant recovery efficiency for each component. For retrograde condensate pools where gas is cycled, product recoveries have been determined from individual reservoir studies having regard for anticipated future cycling and blowdown operations.

For those pools not currently connected or on production, the Board estimated whether or not the gas would be processed for liquid recovery and, if so, the recovery efficiency for each component. This estimate was made on a broad judgement basis having regard for the gas composition in those pools. Confidential reserves and those considered beyond economic reach are included in the unconnected-reserve category.

The natural gas liquid reserves recoverable at reprocessing plants have been estimated by multiplying the remaining marketable gas reserves by the historic ratio of liquid production to marketable gas production. This assumes that both the liquid content of marketable gas and the portion of marketable gas to be reprocessed will remain constant. The Board believes that the approach gives a reasonable indication of the natural gas liquids recoverable at reprocessing plants.

The following tabulation shows the natural gas liquid reserves broken down into connected and unconnected categories. These reserves exclude volumes recoverable at reprocessing plants and from solvent-flood production.

	Remaining Established Reserves As at 31 December 1998			
	Propane	Butanes	Pentanes Plus	Total
	10 ⁶ m ³ (liquid)			
Connected	36.7	26.3	71.6	134.6
Unconnected	15.4	8.2	12.1	35.7
Total	52.1	34.5	83.7	170.3

6.4 Discussion of Reserves Table 6-1

The Board's current estimates of the remaining established reserves of natural gas liquids are detailed in Table 6-1. Fields containing 800 000 cubic metres or more of recoverable liquids are listed individually and those containing less are grouped under the **Beyond Economic Reach**, **Confidential**, and **Other Small Reserves** categories. Provincial reserves recoverable at reprocessing plants and from solvent-flood schemes are not included in the reserves for the individual pools but are shown as totals at the end of the table.

TABLE 6-1 Remaining Established Reserves of Natural Gas Liquids
As at 31 December 1998

	1	2	3	4	5	6	7	8	9
Field	Zone	Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10 ⁶ m ³	m ³ /10 ⁶ m ³ of marketable gas			10 ³ m ³			
Ansell	Cardium	3 456	86	81	192	298	281	665	1 244
	Viking	470	17	21	32	8	10	15	33
	Mannville	1 491	56	60	65	83	89	97	269
	Subtotal					389	380	777	1 546
Bonnie Glen	Mannville	266	90	49	56	24	13	15	52
	Leduc ^a	7 602	-	-	-	694	364	811	1 869
	Subtotal					718	377	826	1 921
Brazeau River	Belly River	2 221	120	59	75	267	131	166	564
	Cardium	566	58	42	212	33	24	120	177
	Mannville	1 996	108	62	257	215	123	512	850
	Jurassic	3 410	108	63	223	369	215	759	1 343
	Rundle	3 440	3	2	84	10	8	289	307
	Winterburn ^a	8 652	-	-	-	523	512	2 423	3 458
	Other	156	60	-	1	7	4	8	19
	Subtotal					1 417	1 013	4 269	6 699
Caroline	Cardium	1 589	176	106	185	280	168	294	742
	Viking	360	131	67	83	47	24	30	101
	Mannville	3 472	150	80	168	520	277	582	1 379
	Rundle	1 498	94	62	123	141	93	184	418
	Beaverhill Lake	10 888	352	443	1 146	3 833	4 823	12 478	21 134
	Subtotal					4 821	5 385	13 568	23 774
Cranberry	Beaverhill Lake	3 402	65	67	204	222	228	694	1 144
	Middle Devonian	717	3	3	70	2	2	50	54
	Subtotal					224	230	744	1 198
Crossfield	Viking	124	113	56	65	14	7	8	29
	Mannville	1 723	78	52	127	134	89	219	442
	Jurassic	38	105	53	184	4	2	7	13
	Mississippian ^a	3 324	-	-	-	247	183	321	751
	Wabamun	2 003	6	5	29	13	11	58	82
	Subtotal					412	292	613	1 317
Dunvegan	Triassic	711	38	21	31	27	15	22	64
	Belloy	126	-	-	79	-	-	10	10
	Mississippian	293	14	10	61	4	3	18	25
	Rundle	10 071	63	37	79	633	377	800	1 810
	Wabamun	281	110	71	192	31	20	54	105
	Subtotal					695	415	904	2 014

TABLE 6-1 (continued)

Field	Zone	2	3	4	5	6	7	8	9
		Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
		10^6 m^3	Propane $\text{m}^3/10^6 \text{ m}^3$ of marketable gas	Butanes	Pentanes Plus	Propane 10^3 m^3	Butanes	Pentanes Plus	Total
Edson	Cardium	754	88	68	309	66	51	233	350
	Viking	528	9	8	97	5	4	51	60
	Mannville	1 983	90	49	124	178	98	245	521
	Jurassic	894	47	28	135	42	25	121	188
	Rundle	1 229	-	-	104	-	-	128	128
	Upper Devonian	609	-	-	163	-	-	99	99
	Subtotal					291	178	877	1 346
Elmworth	Second White Specks	1 415	116	56	55	164	79	78	321
	Lower Cretaceous	1 447	30	15	23	44	22	33	99
	Mannville	14 190	44	20	48	618	282	681	1 581
	Triassic	1 328	17	15	74	23	20	98	141
	Other	1 878	17	2	6	5	2	8	15
	Subtotal					489	403	890	2 142
Ferrier	Belly River	144	118	69	49	17	10	7	34
	Cardium	2 594	146	42	57	380	108	147	635
	Viking	186	151	59	81	28	11	15	54
	Mannville	1 417	109	43	111	155	61	157	373
	Jurassic	552	130	63	116	72	35	64	171
	Rundle	2 348	38	27	75	90	63	177	330
	Mississippian	176	-	-	97	-	-	17	17
	Subtotal					742	288	584	1 614
Garrington	Cardium	102	108	59	196	11	6	20	37
	Viking	255	114	63	114	29	16	29	74
	Mannville	3 122	158	80	98	492	251	307	1 050
	Jurassic	190	116	79	137	22	15	26	63
	Rundle	1 533	111	77	110	170	118	168	456
	Wabamun	348	66	66	164	23	23	57	103
	Leduc	1 715	92	92	196	158	158	336	652
	Subtotal					905	587	943	2 435
Gilby	Cardium	48	167	83	146	8	4	7	19
	Second White Specks	284	81	63	106	23	18	30	71
	Mannville	2 292	79	46	71	182	105	162	449
	Jurassic	1 572	71	47	51	111	74	80	265
	Rundle	1 610	59	40	57	95	65	92	252
	Wabamun	61	131	66	49	8	4	3	15
	Leduc	72	111	69	83	8	5	6	19
	Other	138	111	83	42	8	6	3	17
	Subtotal					435	275	380	1 090

TABLE 6-1 (continued)

	1	2	3	4	5	6	7	8	9
Field	Zone	Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10 ⁶ m ³	m ³ /10 ⁶ m ³ of marketable gas			10 ³ m ³			
Gold Creek	Second White Specks	62	81	32	48	5	2	3	10
	Mannville	1 822	20	12	103	37	21	187	245
	Triassic	836	23	14	54	19	12	45	76
	Wabamun	5 620	44	43	165	245	242	925	1 412
	Subtotal					306	277	1 160	1 743
Hamburg	Triassic	67	30	45	224	2	3	15	20
	Beaverhill Lake	3 269	45	46	270	148	152	882	1 182
	Subtotal					150	155	897	1 202
Harmattan East	Viking	134	75	60	52	10	8	7	25
	Mannville	419	210	95	136	88	40	57	185
	Mississippian ^a	6 517	-	-	-	64	34	39	137
	Subtotal					162	82	103	347
Harmattan-Elkton	Mississippian ^a	7 461	-	-	-	112	82	209	403
	Subtotal					112	82	209	403
Hussar	Viking	478	15	8	21	7	4	10	21
	Mannville	4 363	69	42	63	303	184	274	761
	Rundle	125	88	56	48	11	7	6	24
	Other	2 926	88	24	32	5	3	4	13
	Subtotal					321	195	290	806
Judy Creek	Mannville	119	34	17	34	4	2	4	10
	Beaverhill Lake	2 503	255	135	86	638	337	216	1 191
	Subtotal					642	339	220	1 201
Jumping Pound West	Rundle	11 520	26	24	79	300	277	910	1 487
	Subtotal					300	277	910	1 487
Karr	Second White Specks	100	40	20	50	4	2	5	11
	Lower Cretaceous	909	42	22	45	38	20	41	99
	Mannville	6 048	148	86	158	893	520	956	2 369
	Jurassic	508	49	24	41	25	12	21	58
	Triassic	373	46	27	46	17	10	17	44
	Wabamun	1 868	69	66	419	129	124	783	1 036
	Beaverhill Lake	78	179	103	64	14	8	5	27
	Subtotal					1 120	696	1 828	3 644

TABLE 6-1 (continued)

Field	1 Zone	2 Remaining Reserves of Marketable Gas	3 Liquid Recovery Ratio	4 Propane	5 Butanes	6 Pentanes Plus	7 Remaining	8 Established Reserves	9 of Natural Gas Liquids
		10^6 m^3	$\text{m}^3/10^6 \text{ m}^3$ of marketable gas				10^3 m^3		
Kaybob	Viking	280	14	18	61	4	5	17	26
	Mannville	3 174	28	22	49	90	71	157	318
	Triassic	40	150	175	225	6	7	9	22
	Upper Devonian	51	-	-	255	-	-	13	13
	Beaverhill Lake ^a	875	-	-	-	244	234	385	863
	Subtotal					344	317	581	1 242
Kaybob South	Second White Specks	110	118	73	109	13	8	12	33
	Viking	328	55	40	70	18	13	23	54
	Mannville	9 572	69	39	89	663	378	852	1 893
	Jurassic	292	10	7	38	3	2	11	16
	Triassic	1 063	93	57	71	99	61	75	235
	Wabamun	113	35	27	44	4	3	5	12
	Upper Devonian	100	150	120	690	15	12	69	96
	Nisku	345	49	52	351	17	18	121	156
	Beaverhill Lake ^a	4 540	-	-	-	386	350	1 403	2 139
	Subtotal					1 218	845	2 571	4 634
Knopcik	Viking	438	66	50	82	29	22	36	87
	Mannville	828	10	13	30	8	11	25	44
	Jurassic	2 363	28	39	86	67	92	203	362
	Triassic	8 409	15	12	153	122	97	1 287	1 506
	Subtotal					226	222	1 551	1 999
McLeod	Cardium	1 349	11	10	15	15	13	20	48
	Mannville	4 821	88	52	106	423	250	513	1 186
	Jurassic	1 739	68	41	175	118	72	304	494
	Beaverhill Lake	73	110	82	411	8	6	30	44
	Subtotal					564	341	867	1 772
Medicine River	Belly River	90	78	44	33	7	4	3	14
	Viking	67	194	104	134	13	7	9	29
	Mannville	2 642	126	70	69	332	186	182	700
	Rundle	2 423	130	66	79	315	161	191	667
	Jurassic	1 204	101	51	42	122	62	51	235
	Leduc	330	218	152	339	72	50	112	234
	Subtotal					861	470	548	1 879
Minehead	Cardium	1 905	39	24	387	74	46	738	858
	Subtotal					74	46	738	858
Moose	Rundle	2 293	85	61	201	194	139	461	794
	Wabamun	223	45	31	63	10	7	14	31
	Subtotal					204	146	475	825

TABLE 6-1 (continued)

Field	1 Zone	2 Remaining Reserves of Marketable Gas	3 Liquid Recovery Ratio	4 Propane	5 Butanes Pentanes Plus	6 Remaining Reserves of Natural Gas Liquids	7 Propane	8 Butanes Pentanes Plus	9 Total
		10 ⁶ m ³	m ³ /10 ⁶ m ³ of marketable gas			10 ³ m ³			
Peco	Belly River	170	29	18	118	5	3	20	28
	Cardium	320	34	19	738	11	6	236	253
	Viking	185	119	59	97	22	11	18	51
	Mannville	1 877	111	70	321	208	132	602	942
	Jurassic	235	102	51	43	24	12	10	46
	Rundle	157	-	-	83	-	-	13	13
	Nisku	963	38	30	29	37	29	28	94
	Subtotal					307	193	927	1 427
Pembina	Belly River	2 144	70	46	91	151	99	196	446
	Cardium	3 891	153	109	96	595	424	374	1 393
	Viking	360	103	47	69	37	17	25	79
	Mannville	7 043	74	42	133	519	295	938	1 752
	Jurassic	3 344	90	53	182	300	178	607	1 085
	Mississippian	1 008	107	62	81	108	62	82	252
	Rundle	480	15	8	58	7	4	28	39
	Upper Devonian	44	273	182	182	12	8	8	28
	Nisku	5 613	210	101	97	1 176	567	542	2 285
	Subtotal					2 905	1 654	2 800	7359
Pine Creek	Cardium	60	17	17	133	1	1	8	10
	Second White Specks	142	-	-	176	-	-	25	25
	Mannville	3 006	30	20	237	91	59	711	861
	Jurassic	728	19	14	55	14	10	40	64
	Rundle	178	6	6	84	1	1	15	17
	Wabamun	702	6	6	23	4	4	16	24
	Beaverhill Lake	263	72	57	53	19	15	14	48
	Other	918	72	4	61	1	1	16	18
	Subtotal					130	90	829	1 049
Rainbow	Mannville	1 438	2	2	8	3	3	11	17
	Beaverhill Lake	223	99	63	85	22	14	19	55
	Sulphur Point	543	83	52	92	45	28	50	123
	Muskeg	407	197	101	91	80	41	37	158
	Keg River	9 290	175	90	67	1 622	840	620	3 082
	Subtotal					1 772	926	737	3 435
Rainbow South	Sulphur Point	349	9	6	63	3	2	22	27
	Muskeg	349	80	46	60	28	16	21	65
	Keg River	1 849	150	84	145	277	156	269	702
	Subtotal					308	174	312	794
Ricinus	Cardium ^a	10 305	-	-	-	542	352	434	1 328
	Viking	4 061	26	16	35	105	64	142	311
	Leduc	987	-	-	11	-	-	11	11
	Subtotal					647	416	587	1 650

TABLE 6-1 (continued)

Field	Zone	2	3	4	5	6	7	8	9
		Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10 ⁶ m ³	m ³ /10 ⁶ m ³ of marketable gas			10 ³ m ³			
Shekilie	Sulphur Point	117	94	60	60	11	7	7	25
	Keg River	1 952	178	107	104	348	208	203	759
	Other	41	178	2	2	6	3	4	13
	Subtotal					359	215	210	784
Simonette	Second White Specks	910	130	58	53	118	53	48	219
	Mannville	565	48	21	67	27	12	38	77
	Wabamun	379	135	95	734	51	36	278	365
	Leduc	451	310	239	175	140	108	79	327
	Beaverhill Lake	351	179	94	85	63	33	30	126
	Subtotal					399	242	473	1 114
Swan Hills	Beaverhill Lake	1 345	695	425	232	935	572	312	1 819
	Subtotal					935	572	312	1 819
Swan Hills South	Beaverhill Lake	2 231	341	165	61	761	369	137	1 267
	Subtotal					761	369	137	1 267
Sylvan Lake	Second White Specks	51	216	118	39	11	6	2	19
	Viking	100	130	70	100	13	7	10	30
	Mannville	3 075	103	65	93	316	199	285	800
	Rundle	3 091	96	57	66	297	176	205	678
	Jurassic	1 693	109	70	114	184	119	193	496
	Leduc	638	72	39	188	46	25	120	191
	Subtotal					867	532	815	2 214
Turner Valley	Jurassic	65	154	77	46	10	5	3	18
	Mannville	310	135	58	32	42	18	10	70
	Rundle	1 618	223	141	342	361	228	554	1 143
	Subtotal					413	251	567	1 231
Twining	Viking	509	6	12	22	3	6	11	20
	Mannville	612	56	44	87	34	27	53	114
	Rundle	4 551	87	85	82	396	388	371	1 155
	Subtotal					433	421	435	1 289
Valhalla	Second White Specks	643	25	20	33	16	13	21	50
	Mannville	2 473	9	6	26	23	16	64	103
	Triassic ^a	9 353	-	-	-	917	423	1 802	3 142
	Mississippian	86	70	58	291	6	5	25	36
	Subtotal					962	457	1 912	3 331

TABLE 6-1 (continued)

Field	1 Zone	2	3	4	5	6	7	8	9
		Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10 ⁶ m ³	m ³ /10 ⁶ m ³ of marketable gas			10 ³ m ³			
Virginia Hills	Belloy	296	115	68	74	34	20	22	76
	Beaverhill Lake	1 112	522	209	135	581	232	150	963
	Subtotal					615	252	172	1 039
Wapiti	Belly River	587	73	34	22	43	20	13	76
	Cardium	1 025	63	24	14	65	25	14	104
	Lower Cretaceous	1 484	20	11	23	30	16	34	80
	Mannville	8 565	26	13	28	224	110	241	575
	Jurassic	1 963	8	4	46	15	8	90	113
	Other	203	-	19	38	4	2	9	15
	Subtotal					377	179	392	948
Waterton	Mississippian ^a	6 282	-	-	-	128	103	606	837
	Wabamun	1 269	36	29	120	46	37	152	235
	Subtotal					174	140	758	1 072
Wayne-Rosedale	Viking	317	44	25	25	14	8	8	30
	Basal Colorado	322	22	25	19	7	8	6	21
	Mannville	3 023	84	53	60	255	159	182	596
	Nisku	349	143	95	519	50	33	181	264
	Subtotal					326	208	377	911
Wembley	Second White Specks	369	-	-	65	-	-	24	24
	Triassic ^d	6 151	-	-	-	931	442	1 849	3 222
	Other	391	151	-	3	-	-	16	16
	Subtotal					931	442	1 873	3 246
Westerose	Mannville	1 623	129	65	73	209	106	118	433
	Mississippian	233	137	73	146	32	17	34	83
	Wabamun	240	83	50	71	20	12	17	49
	Nisku	86	-	-	151	-	-	13	13
	Leduc ^e	728	-	-	-	13	8	7	28
	Subtotal					274	143	189	606
Westerose South	Mannville	3 138	142	74	104	446	231	325	1 002
	Mississippian	638	187	91	83	119	58	53	230
	Rundle	59	136	68	85	8	4	5	17
	Wabamun	449	73	65	60	33	29	27	89
	Other	101	22	65	87	4	3	4	11
	Subtotal					606	322	410	1 338
Westpem	Mannville	1 785	61	31	141	108	56	252	416
	Jurassic	1 165	26	14	130	30	16	151	197
	Winterburn ^a	895	-	-	-	138	78	112	328
	Subtotal					276	150	515	941

TABLE 6-1 (continued)

Field	Zone	2	3	4	5	6	7	8	9
		Remaining Reserves of Marketable Gas	Liquid Recovery Ratio			Remaining Established Reserves of Natural Gas Liquids			
			Propane	Butanes	Pentanes Plus	Propane	Butanes	Pentanes Plus	Total
		10 ⁶ m ³	m ³ /10 ⁶ m ³ of marketable gas			10 ³ m ³			
Willesden Green	Belly River	992	93	72	57	92	71	57	220
	Cardium	4 073	61	51	136	247	206	552	1 005
	Second White Specks	140	93	71	86	13	10	12	35
	Mannville	5 146	134	75	156	692	385	804	1 881
	Viking	337	217	125	128	73	42	43	158
	Jurassic	1 496	128	71	158	192	106	236	534
	Rundle	127	94	55	94	12	7	12	31
	Subtotal					1 321	827	1 716	3 864
Wizard Lake	Mannville	575	40	21	56	23	12	32	67
	Wabamun	40	125	50	75	.5	2	3	10
	Leduc	5 917	346	199	60	2 047	1 178	355	3 580
	Subtotal					2 075	1 192	390	3 657
Subtotal						36 675	24 680	56 168	117 523
Reserves Beyond Economic Reach						174	105	542	821
Confidential Reserves						17	10	62	89
Other Small Reserves						15 235	9 788	26 877	51 900
Subtotal						52 101	34 583	83 649	170 333
Recoverable at Reprocessing Plants						36 130	15 390	7 170	58 690
Recoverable from Solvent Floods						401	1 191	429	2 021
Total Reserves						88 632 (558.4) ^b	51 164 (322.2) ^b	91 248 (574.2) ^b	231 044 (1 454.8) ^b

a Includes gas cycling pool. Gas reserves calculated on an energy basis. See Table 4-2. Liquid recovery ratios are not included because of those parameters changing with time.

b Imperial equivalent in millions of barrels.

7 RESERVES OF SULPHUR

7.1 Provincial Summary

The Board estimates the remaining established reserves of elemental sulphur in the province as at 31 December 1998 to be some 68 million tonnes. The changes in sulphur reserves during the past year are as follows:

	Established Sulphur Reserves from Natural Gas	Established^a Sulphur Reserves from Crude Bitumen	Total Established Sulphur Reserves
	10 ⁶ t	10 ⁶ t	10 ⁶ t
Remaining at 31 December 1997	60.1	12.1	72.2
Additions during 1998	3.2	20.8	24.0
Production during 1998	6.4	0.7	7.1
Remaining at 31 December 1998	56.9 (56.0) ^b	32.2 (31.7) ^b	89.1 (87.7) ^b
Cumulative net production to 31 December 1998	181.6	10.4	192.0
Initial established reserves at 31 December 1998	238.5 (234.7) ^b	42.6 (41.9) ^b	281.1 (276.6) ^b

a Recoverable reserves of elemental sulphur under active development at Suncor and Syncrude plants as of 31 December 1998.

b Imperial equivalent in millions of long tons.

7.2 Sulphur from Natural Gas

Sulphur stockpiles had accumulated at various gas plant sites in the province until 1978. When markets became available, these stockpiles were subsequently reduced from their peak in 1978 of 20.3 million tonnes to 2.4 million tonnes in 1991. Since then sustained low prices for sulphur have caused the resumption of stockpiling. The sulphur stockpiled at year-end 1998 was 10.2 million tonnes, some 0.4 million tonnes greater than at year-end 1997.

The Board's estimates of remaining established reserves of sulphur recoverable from gas have been prepared by applying the appropriate hydrogen sulphide (H_2S) content and sulphur recovery efficiency to the remaining established reserves of raw gas in each pool. Where sulphur is currently being recovered, historical recovery efficiencies have been used. Where sulphur recovery is anticipated from gas reserves not yet being produced, the recovery efficiency has been estimated on the basis of the minimum sulphur recovery efficiency guidelines published in the Board's Informational Letter IL 88-13. The remaining established reserves of sulphur for cycling schemes were determined from a detailed assessment of each pool and, because the H_2S content in the gas changes with time, only the remaining reserves are reported.

Of the 56.9 million tonnes of remaining sulphur recoverable from gas, some 48.8 million are in currently producing pools and the remaining 8.1 million are in unconnected pools. The unconnected reserves include some 4.1 million tonnes in pools considered beyond economic reach.

The Board's reserve estimates are shown in Table 7-1. Fields containing 800 000 tonnes or more of recoverable sulphur are listed individually and those containing less are grouped under **Other Small Reserves**. Sulphur reserves declined most notably in the Crossfield East, Kaybob South and Ricinus fields as a result of production. However, sulphur production was not offset by reserves additions in most fields and subsequently the provincial remaining reserves of sulphur have decreased from 1997 levels.

7.3 Sulphur from Crude Bitumen

Crude bitumen in oil sands deposits contains significant amounts of sulphur. As a result of current upgrading operations in which bitumen is converted to synthetic crude oil, an average of 90 per cent of the sulphur contained in the crude bitumen is either recovered in the form of elemental sulphur or remains in products including coke.

It is currently estimated that some 259 million tonnes of elemental sulphur will be recoverable from the 6.4 billion cubic metres of remaining established crude bitumen reserves in the surface-mineable area. These sulphur reserves were estimated by multiplying the remaining established reserves of crude bitumen by a factor of 40.5 tonnes per thousand cubic metres of crude bitumen. In 1989, this ratio was revised from previous estimates to reflect both current operations and the expected use of high conversion, hydrogen addition upgrading technologies for the future development of surface-mineable crude bitumen reserves. Hydrogen addition technology yields a higher elemental sulphur production than does an alternative carbon rejection technology, as a larger percentage of the sulphur in the bitumen remains in upgrading residues as opposed to being converted to H_2S .

7.4 Sulphur from Crude Bitumen Reserves Under Active Development

Only a portion of the surface-mineable established crude bitumen reserves is under active development at the approved Suncor and Syncrude projects. The Board has estimated the initial established reserves of elemental sulphur for the Suncor and Syncrude projects, including recent expansions of Steepbank and Aurora, at 42.6 million tonnes, of which 10.4 million tonnes of elemental sulphur have been produced, leaving a remaining established reserve of 32.2 million tonnes. During 1998, a total of 0.7 million tonnes of elemental sulphur were produced at the Suncor and Syncrude projects.

TABLE 7-1 Remaining Established Reserves of Sulphur
As at 31 December 1998

Field	Zone	Remaining Established Reserves of Raw Gas	H ₂ S Content ^a	Recovery Efficiency ^b	Remaining Established Reserves of Sulphur
		10 ⁶ m ³	mol/mol	percentage	10 ³ tonnes
Benjamin	Mississippian	2 656	0.069	98	243
	Wabamun	1 070	0.441	98	627
	Subtotal				870
Blackstone	Beaverhill Lake	14 999	0.107	99	2 086
	Subtotal				2 086
Brazeau River	Mississippian	3 263	0.010	99	42
	Nisku ^c	-	-	-	1 708
	Subtotal				1 750
Burmis	Mississippian	2 958	0.551	99	2 186
	Subtotal				2 186
Caroline	Mississippian	1 066	0.011	93	15
	Leduc ^d	3 532	0.714	100 ^e	3 421
	Beaverhill Lake	32 711	0.370	100 ^e	16 392
	Subtotal				19 828
Coleman	Mississippian	3 542	0.279	99	1 327
	Wabamun	1 239	0.279	99	464
	Subtotal				1 791
Crossfield	Mannville	1 635	0.010	98	21
	Mississippian	3 788	0.005	98	23
	Wabamun	4 143	0.314	98	1 728
	Subtotal				1 772
Crossfield East	Wabamun	1 729	0.348	99	807
	Subtotal				807
Gold Creek	Wabamun	7 343	0.086	97	827
	Subtotal				827

TABLE 7-1 (continued)

Field	Zone	Remaining Established Reserves of Raw Gas	H ₂ S Content ^a	Recovery Efficiency ^b	Remaining Established Reserves of Sulphur
		10 ⁶ m ³	mol/mol	percentage	10 ³ tonnes
Hanlan	Winterburn	240	0.050	99	16
	Beaverhill Lake	14 593	0.092	99	1 808
	Subtotal				1 824
Jumping Pound West	Mississippian	14 401	0.063	97	1 194
	Subtotal				1 194
Kaybob South	Triassic	1 216	0.008	99	13
	Winterburn	687	0.169	99	156
	Beaverhill Lake ^c	-	-	-	1 163
	Subtotal				1 332
Limestone	Mississippian	5 049	0.041	99	276
	Wabamun	1 758	0.157	99	371
	Winterburn	373	0.130	99	65
	Leduc	492	0.177	99	117
	Subtotal				829
Moose	Mississippian	3 038	0.114	99	465
	Wabamun	372	0.328	99	164
	Subtotal				629
Okotoks	Wabamun	2 120	0.319	99	908
	Subtotal				908
Pine Creek	Jurassic	816	0.002	99	2
	Triassic	166	0.004	99	1
	Mississippian	329	0.025	98	11
	Wabamun	1 100	0.275	98	402
	Leduc	704	0.195	99	184
	Beaverhill Lake	403	0.190	99	103
	Subtotal				703

TABLE 7-1 (continued)

Field	Zone	Remaining Established Reserves of Raw Gas	H ₂ S Content ^a	Recovery Efficiency ^b	Remaining Established Reserves of Sulphur
		10 ⁶ m ³	mol/mol	percentage	10 ³ tonnes
Waterton	Mississippian	10 799	0.195	99	2 823
	Wabamun	1 306	0.149	99	261
	Rundle-Wabamun ^c	-	-	-	361
	Subtotal				3 445
Subtotal					42 781
Other Small Reserves					14 138
Total Reserves					56 919 (56 020) ^f

a Volume-weighted average.

b All recovery efficiencies are rounded to the nearest whole percentage.

c Includes gas-cycling pool. Gas reserves calculated on an energy basis. See Table 4-2. H₂S content is not included because of gas composition changing with time.

d Currently considered beyond economic reach.

e Recovery efficiencies are not rounded but consistent with report ERCB-AE 88-AA, *Sulphur Recovery Guidelines for Sour Gas Plants in Alberta*.

f Imperial equivalent in thousands of long tons.

8 ULTIMATE POTENTIAL

8.1 Conventional Crude Oil

The Board issued ERCB 94-B¹ in early 1994 which provided a forecast of Alberta oil supply from all sources for the period 1994 to 2005. The ultimate potential of conventional crude oil is estimated at 3130 million cubic metres to reflect the Board's estimate of geological prospects.

The remaining ultimate potential of conventional crude oil is estimated at 956 10⁶m³ (6.0 billion barrels) as shown below:

	<u>10⁶ m³</u>
Initial Established	2 490
Cumulative Production	2 175
Remaining Established	<u>315</u>
Yet to Be Established	640
Ultimate Potential	<u>3 130</u>
Remaining Ultimate Potential	955

Net annual additions (including reassessment of existing reserves) to Alberta's initial established crude oil reserves averaged 84 million cubic metres from 1956 to 1970, and about 27 million from 1971 to 1989 (Table 8-1, column 4). Net reserve additions from 1990 to 1994 have averaged only 16.7 million cubic metres per year, due in part, to substantial negative reassessments to older pools over the period. In the past four years, high levels of drilling activity and a net positive reassessment of over 26 million cubic metres, has resulted in average net additions of 38 million cubic metres per year.

Figure 8-1 graphically depicts Alberta's historical growth in booked reserves and forecast of growth to the year 2040.

Columns 1 to 3 of Table 8-1 subdivide the annual reserve growth into three components: new discoveries, development and re-evaluation, and enhanced recovery. The method of subdividing the reserves has varied over the years such that differences in annual additions may result from the change in method. Starting in 1981, re-evaluation of enhanced recovery schemes has been included under **Development and Re-evaluation** rather than **Enhanced Recovery**. As a result, **Enhanced Recovery** now only represents commencement or expansion of enhanced recovery schemes.

1 Energy Resources Conservation Board 1994. *Alberta Oil Supply, 1994-2005*. ERCB Report 94-B. Calgary, Alberta

TABLE 8-1 Summary of Initial and Remaining Established Reserves of Conventional Crude Oil
As of Each Year-end
millions of cubic metres

	1	2	3	4	5	6	7	8
Year	Initial Established					Production		Remaining Established
	New Discoveries (Initial Year)	Development and Re-evaluation	Enhanced Recovery	Net Additions	Cumulative ^a	Annual	Cumulative ^a	
1956	3.5	78.5		82.0	554.1	22.8	105.7	448.4
1957	10.8	29.1		39.9	594.0	21.7	127.4	466.6
1958	1.3	- 4.8	4.9	1.4	595.4	17.9	145.2	450.2
1959	14.3	37.2	16.0	67.5	663.0	20.5	165.7	497.2
1960	0.5	29.9	18.1	48.6	711.6	20.7	186.6	525.0
1961	1.7	31.5	24.5	57.5	769.1	25.1	211.5	557.6
1962	2.9	21.8	19.9	44.0	813.5	26.2	237.9	575.6
1963	14.6	12.6	29.2	56.6	870.0	26.8	264.6	605.4
1964	9.5	88.2	250.8	348.5	1 218.5	27.9	292.4	926.1
1965	28.6	42.6	- 2.4	68.8	1 287.3	29.2	321.6	965.7
1966	89.1	13.5	38.3	140.8	1 428.1	32.2	353.9	1 074.2
1967	57.2	15.7	22.2	95.2	1 523.3	36.6	390.4	1 132.9
1968	62.0	14.8	42.9	119.8	1 643.1	39.8	430.3	1 212.8
1969	40.5	-44.5	58.5	54.5	1 697.6	44.4	474.7	1 222.8
1970	8.4	- 7.6	36.1	36.7	1 734.3	51.7	526.5	1 207.9
1971	14.0	8.7	- 0.8	22.1	1 756.4	56.4	582.9	1 173.6
1972	10.8	- 5.6	14.8	20.0	1 776.5	67.4	650.0	1 126.0
1973	5.1	- 6.0	10.2	9.2	1 785.7	83.3	733.7	1 052.0
1974	4.3	3.3	30.8	38.5	1 824.1	79.0	812.7	1 011.5
1975	1.6	2.1	3.3	7.0	1 831.1	67.5	880.2	950.9
1976	2.5	5.9	-27.0	-18.6	1 812.5	61.0	941.2	871.3
1977	4.8	5.1	9.2	19.1	1 831.6	60.4	1 001.6	830.0
1978	24.9	- 1.9	1.4	24.4	1 856.6	60.0	1 061.6	794.5
1979	19.2	10.3	4.8	34.3	1 890.3	68.5	1 130.1	760.2
1980	9.0	5.2	8.6	22.8	1 913.2	63.2	1 193.3	719.9
1981	15.0	10.4	7.2	32.6	1 945.8	56.5	1 249.8	696.0
1982	16.8	-16.5	6.6	6.9	1 952.7	53.6	1 303.4	649.4
1983	21.4	24.8	17.9	64.1	2 016.8	55.6	1 359.0	657.8
1984	29.1	-11.2	24.1	42.0	2 058.8	59.2	1 418.2	640.7
1985	32.7	9.7	21.6	64.0	2 122.8	56.2	1 474.5	648.5
1986	28.6	-14.1	24.6	39.1	2 162.0	53.2	1 527.7	634.7
1987	20.9	1.6	10.5	33.0	2 195.0	53.9	1 581.6	613.8
1988	17.7	2.5	16.5	36.7	2 231.7	57.2	1 638.8	592.9
1989	17.0	- 3.4	7.8	21.4	2 253.1	53.8	1 692.6	560.5
1990	12.8	-18.2	8.4	3.0	2 256.1	53.1	1 745.7	510.4
1991	10.2	- 9.9	9.1	9.4	2 265.6	51.4	1 797.1	468.5
1992	9.0	15.3	2.8	27.1	2 292.7	53.6	1 850.7	442.0
1993	7.3	24.0	7.9	39.2	2 331.9	54.4	1 905.1	426.8
1994	10.5	-11.5	5.7	4.7	2 336.6	56.7	1 961.7	374.8
1995	10.2	35.5	9.2	54.9	2 391.5	55.7	2 017.5	374.1
1996	9.7	6.8	6.1	22.6	2 414.1	54.8	2 072.3	341.8
1997	8.5	24.8	4.2	37.5	2 451.7	52.5	2 124.8	326.8
1998	8.9	26.7	2.9	38.5	2 490.1	50.1	2 174.9	315.2
					(15.7) ^b			(2.0) ^b

a Production figures may change as the result of future amendments to production reports.

b Imperial equivalent in billions of stock-tank barrels.

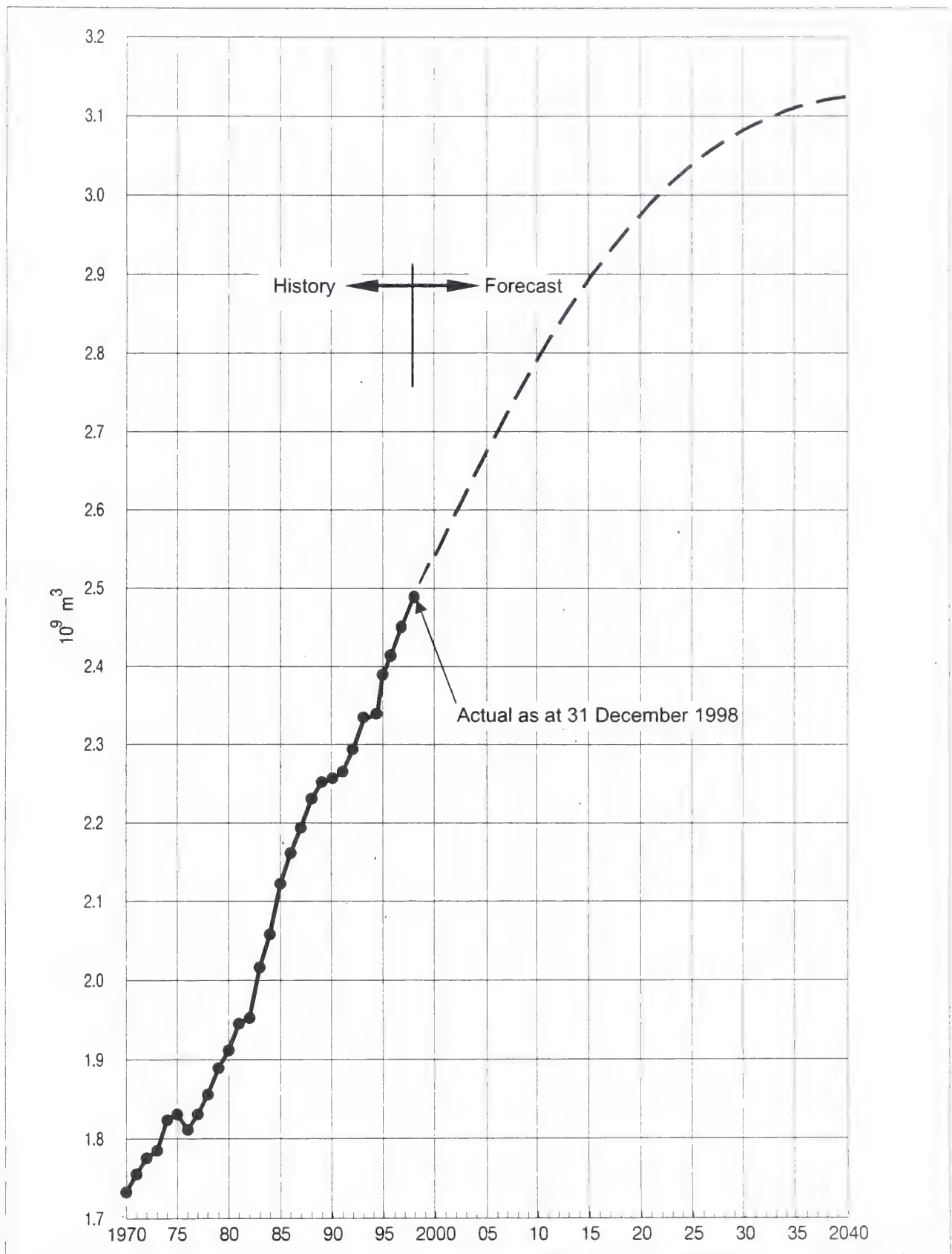


Figure 8-1 Forecast Growth of Initial Established Reserves of Conventional Crude Oil

8.2 Crude Bitumen and Synthetic Crude Oil

The Board estimates the ultimate volume of crude bitumen in place to be 400 billion cubic metres, consisting of about 24 billion in deposits that may eventually be amenable to surface mining, and the remainder in deeper deposits that will require the use of in situ recovery or underground mining techniques.

Although drilling and log analyses have indicated the potential ultimate volume of crude bitumen in place to be some 400 billion cubic metres, knowledge of quality variations and those effects on recovery potential are still very limited. In addition, for some deposits, particularly carbonates, little experimentation has been carried out to establish the expected recovery factor for this type of resource. For these reasons, those portions of the in-place volumes for the Cretaceous sand and Palaeozoic carbonate deposits, which will require the use of in situ recovery methods, were broken down into established and probable categories, and different recovery factors were applied to each category in establishing the ultimate potential of crude bitumen for the in situ areas. The recovery factors selected reflect the Board's current broad knowledge respecting the quality of the in-place reserves, the amount of experimentation done to date to establish recovery techniques, and a projection of improvements in those techniques in the future.

The ultimate potential of crude bitumen from Cretaceous sediments by in situ recovery methods is estimated to be some 33 billion cubic metres and from the carbonate sediments some 6 billion cubic metres. About 10 billion cubic metres are expected from within the surface-mineable boundary and represent the initial mineable volume in place after accounting for losses in mining and extraction and quantities inaccessible in environmental buffer zone areas. For current projects, it is also assumed that tailings ponds and discard sites will either be located on non-mineable areas or will be removed from the mineable areas in order to recover underlying economic mineable ore. The total initial ultimate potential amount of crude bitumen recoverable is therefore about 49 billion cubic metres.

The yield of synthetic crude oil (including butanes and heavier liquid product) from crude bitumen will vary with the upgrading technology used. Also, it will depend upon the extent to which external energy sources such as coal and natural gas are used to satisfy fuel requirements. The Board has revised the estimates of liquid yield expected from the upgrading and now considers an average yield factor of 1.0 cubic metres per cubic metre by volume can be achieved through the use of high conversion hydrogen addition upgrading technologies. However, in terms of ultimate synthetic crude oil reserves, hydrogen requirements would be extremely large, far exceeding estimated amounts that might be available by steam reforming of natural gas. Therefore, alternative sources of hydrogen such as from partial oxidation using coal, coke, or pitch residuum would have to be considered. Also, it is assumed that coal and natural gas may supply part of the fuel needs. On these assumptions, the ultimate potential amount of synthetic crude oil recoverable is estimated at 49 billion cubic metres with 10 billion attributable to surface mining and 39 billion to the in situ areas.

The relationship between the initial and remaining ultimate potential for crude bitumen is illustrated below:

	<u>10^6 m^3</u>
Initial Established	7 300
Cumulative Production	<u>445</u>
Remaining Established	6 855
Yet to Be Established	41 700
Ultimate Potential	<u>49 000</u>
Remaining Ultimate Potential	48 555

8.3 Marketable Gas

In June 1992, the Board released ERCB Report 92-A² which presented the results of its detailed review of Alberta's ultimate potential for marketable gas. This review took into consideration three important criteria: geological prospects, technology and economics. Having regard for the uncertainties in estimating geological prospects, and predicting technological and economic change, the Board adopted an estimate of 5600 billion cubic metres as Alberta's ultimate potential for marketable gas.

The relationship between the ultimate potential for marketable gas and the portion remaining to be recovered is illustrated below:

	<u>10^9 m^3</u> <u>at 37.4 MJ/m³</u>
Initial Established	3 912
Cumulative Production	<u>2 643</u>
Remaining Established	1 269
Yet to Be Established	1 688
Ultimate Potential	<u>5 600</u>
Remaining Ultimate Potential	2 957

Annual additions to established gas reserves averaged 77.3 billion cubic metres during the period 1956 to 1998 (Table 8-2, column 4). Reserve additions have fluctuated a great deal during this period because of changes in economic factors such as price, market opportunities, and drilling incentive programs, and also because of annual revisions to estimates of existing reserves.

2 Energy Resources Conservation Board, 1992. *Ultimate Potential and Supply of Natural Gas in Alberta*.
ERCB Report 92-A. Calgary, Alberta

Columns 1 and 2 of Table 8-2 subdivide the annual reserves growth into two components: new discoveries, and development and re-evaluation.

For the years prior to 1978, the new discovery total includes only those reserves having initial established reserves of marketable gas equal to or greater than 300 million cubic metres.

Commencing in 1979 the new discoveries which are not booked in the year of discovery but in the following year are not accounted for under new discoveries. This effect may lead to a substantial understatement in the discoveries column and an overstatement in the development column.

Occasionally, the reverse might be true where established reserves classified as new discoveries in a given year later prove to be extensions of earlier discoveries and the pools are coalesced.

In view of the above, the distribution of reserves between new discoveries and development should be used with caution.

The forecast growth in initial established reserves shown in Figure 8-2 reflects the Board's estimate of ultimate potential of 5600 billion cubic metres. The Board anticipates that the growth rate peaked in 1995 and will gradually decline to about 85 billion cubic metres per year by the turn of the century as opportunities for new discoveries diminish. While fluctuations in reserves growth during the forecast period will undoubtedly occur, the Board believes its forecast represents a reasonable scenario for use in forecasting and policy formation.

TABLE 8-2 Summary of Initial and Remaining Established Reserves of Marketable Gas
As of Each Year-end
billions of cubic metres

Year	1	2	3	4	5	6	7	8
	Initial Established		Net Additions	Cumulative ^a	Production		Remaining Established ^a	
	New Discoveries (Initial Year)	Development and Re-evaluation			Annual	Cumulative ^a	Actual ^a	37.4 MJ/m ³
1956	*	*	64.5	552.2	3.2	32.0	520.1	*
1957	*	*	64.9	617.1	3.8	35.8	581.7	*
1958	*	*	110.4	727.5	5.3	41.1	686.4	721.2
1959	*	*	88.5	816.0	7.1	48.2	767.8	809.8
1960	18.2	101.7	119.9	935.9	9.1	57.4	878.6	926.8
1961	9.6	3.7	13.3	949.2	11.9	69.3	879.9	930.5
1962	8.7	41.0	49.7	998.8	17.6	86.9	912.1	964.2
1963	3.1	32.7	35.8	1 034.7	19.6	106.5	928.2	980.0
1964	7.2	78.7	85.9	1 120.6	22.1	128.6	992.0	1 052.6
1965	11.3	78.4	89.7	1 210.4	24.2	152.8	1 057.6	1 129.6
1966	2.1	38.6	40.7	1 251.0	25.5	178.3	1 072.6	1 142.5
1967	24.3	49.6	73.9	1 324.9	27.5	205.8	1 119.1	1 189.6
1968	15.3	119.3	134.6	1 459.5	30.0	235.8	1 223.6	1 289.0
1969	18.6	68.9	87.5	1 547.0	37.8	273.6	1 273.4	1 342.6
1970	7.6	38.7	46.2	1 593.2	40.1	313.8	1 279.4	1 352.0
1971	4.8	40.6	45.4	1 638.6	48.5	362.3	1 276.3	1 346.9
1972	12.5	32.8	45.2	1 683.9	52.4	414.7	1 269.1	1 337.6
1973	7.8	175.6	183.4	1 867.2	56.0	470.7	1 396.6	1 464.5
1974	8.6	138.4	147.0	2 014.3	57.0	527.8	1 486.5	1 550.2
1975	0.8	20.0	20.8	2 035.1	56.6	584.3	1 450.8	1 512.8
1976	6.9	98.7	105.6	2 140.7	54.6	639.0	1 501.7	1 563.9
1977	6.6	120.9	127.6	2 268.2	61.0	700.0	1 568.3	1 630.3
1978	24.4	138.9	163.3	2 431.6	66.4	766.3	1 665.2	1 730.9
1979	16.4	106.8	123.2	2 554.7	70.0	836.4	1 718.4	1 783.1
1980	30.0	62.5	92.4 ^a	2 647.1	63.9	900.2	1 747.0	1 812.1
1981	28.9	88.1	117.0	2 764.1	68.6	968.8	1 795.3	1 864.8
1982	10.6	108.1	118.7	2 882.8	60.9	1 029.7	1 853.1	1 924.6
1983	16.3	22.7	39.0	2 921.8	66.0	1 095.6	1 826.2	1 898.7
1984	9.6	30.9	40.5	2 962.3	68.3	1 163.9	1 798.4	1 872.2
1985	11.5	31.1	42.6	3 004.9	72.8	1 236.7	1 768.3	1 840.0
1986	9.2	12.6	21.8	3 026.7	69.9	1 306.6	1 720.1	1 790.3
1987	8.9	- 8.9	0.0	3 026.7	68.4	1 375.0	1 651.7	1 713.7
1988	13.9	50.7	64.6	3 091.3	88.6	1 463.5	1 627.7	1 673.7
1989	19.0	88.8	107.8	3 199.0	85.8	1 549.3	1 648.7	1 698.2
1990	28.0	59.8	87.8	3 286.8	90.1	1 639.4	1 647.4	1 694.2
1991	16.3	41.3	57.6	3 344.4	78.8 ^a	1 718.2	1 626.2	1 669.7
1992	10.6	61.8	72.5 ^a	3 416.9	104.0	1 822.1	1 594.7	1 637.6
1993	11.3	47.3	58.6	3 475.5	118.4	1 940.5	1 534.9	1 573.7
1994	28.4	45.8	74.2	3 549.7	118.8	2 059.3	1 490.3	1 526.3
1995	28.7	94.3	123.0	3 672.7	124.5	2 183.9	1 488.8	1 521.8
1996	18.1	- 7.2	10.9	3 683.5	121.6	2 305.5	1 378.1	1 410.1
1997	14.5	18.6	33.1	3 716.6	127.3	2 432.7	1 283.9	1 314.4
1998	13.4	79.6	93.0	3 809.6	137.1	2 569.8	1 239.9	1 269.3
				(135.2) ^b			(44.0) ^b	(45.1) ^b

a Discrepancies are due to rounding.

b Imperial equivalent in trillions of cubic feet.

c Includes a solvent flood correction of - 9.6 billion cubic metres.

* Not available.

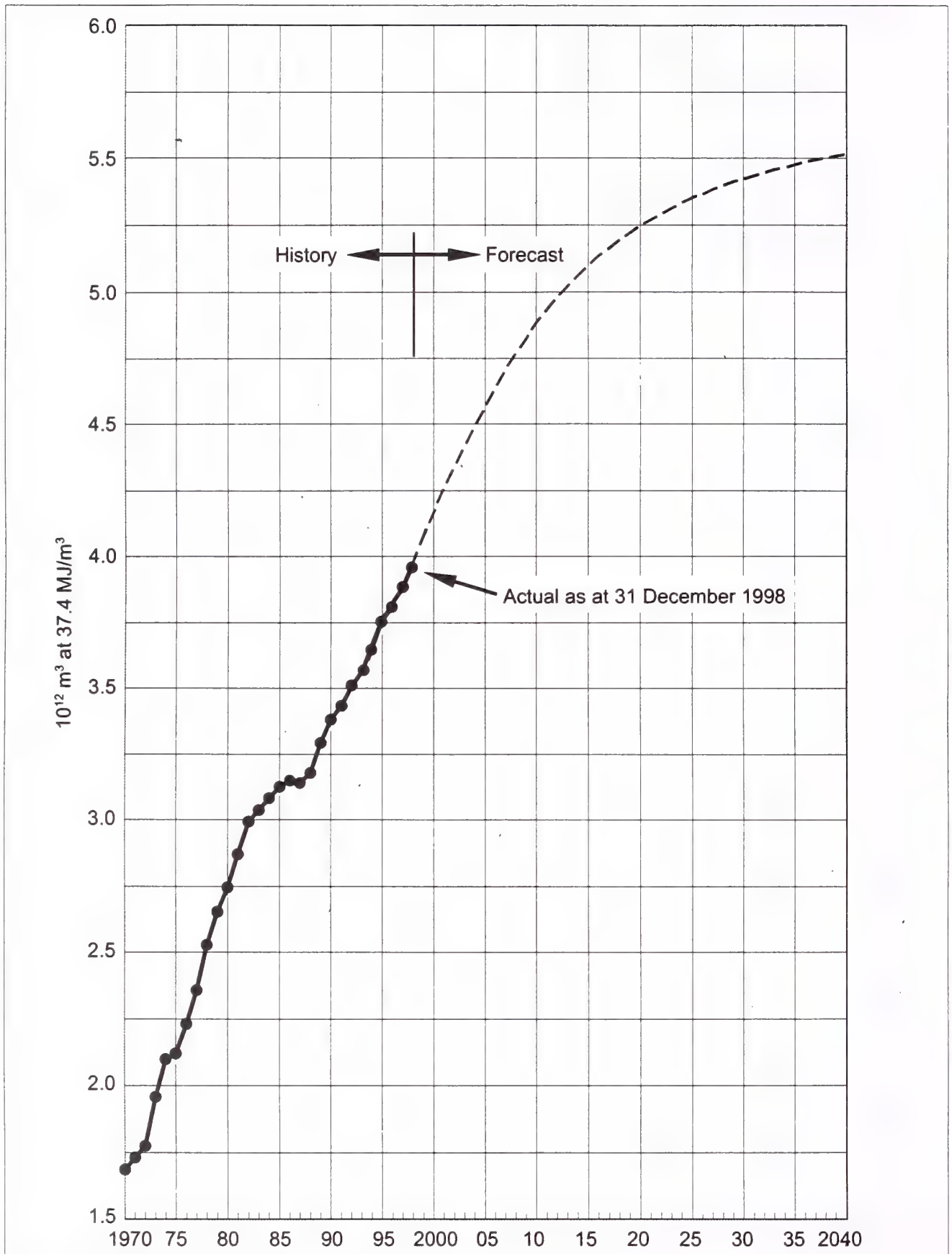


Figure 8-2 Forecast Growth of Initial Established Reserves of Marketable Gas

8.4 Ethane

In 1988 the Board adopted a new methodology for use in determining the co-product (ethane, natural gas liquids, and sulphur) content of future gas discoveries. The province is divided into areas which are geologically similar and within which the gas reserves established to date are a significant portion of those likely to be found in future. The co-product content of the gas found to date is calculated for each area and it is assumed that future discoveries in each of the areas will have co-product contents similar to the established reserves. In this manner the average co-product content of all future gas reserves is calculated.

The Board estimates that the ethane content of marketable gas yet to be established will be 190 cubic metres of ethane liquid per million cubic metres of marketable gas. The Board's estimate of ultimate potential of ethane was derived in 1992 by applying this ethane-to-gas ratio to its 1992 estimate of marketable gas yet to be established and adding the 1992 initial established reserves of ethane. This figure was then rounded to the nearest ten million cubic metres and set as the new ultimate potential for ethane.

The reserves, production, and ultimate potential for the ethane contained in marketable gas are shown below:

	<u>10⁶ m³ (liquid)</u>
Initial Established	724.8
Cumulative Production	<u>456.8</u>
Remaining Established	268.0
Yet to Be Established	305.2
Ultimate Potential	<u>1 030.0</u>
Remaining Ultimate Potential	573.2

The Board estimates that at least 65 per cent of the ethane contained in the remaining ultimate potential of marketable gas could be practically and economically recovered.

8.5 Natural Gas Liquids

Utilizing the methodology described in Section 8.4, the Board estimates that the propane, butanes, and pentanes plus contents of marketable gas yet to be established will be 75, 45, and 85 cubic metres (liquid) per million cubic metres of marketable gas, respectively. The Board's estimate of ultimate potential for natural gas liquids was derived in 1992 by applying these liquid-to-gas ratios to its 1992 estimate of marketable gas yet to be established and adding the 1992 initial established reserves of natural gas liquids. This figure was then rounded to the nearest ten million cubic metres and set as the new ultimate potential for natural gas liquids.

The reserves, production, and ultimate potential of natural gas liquids are shown below:

	Propane	Butanes	Pentanes Plus
	10 ⁶ m ³ (liquid)		
Initial Established	266.8	154.3	340.9
Cumulative Production	<u>178.2</u>	<u>103.1</u>	<u>249.7</u>
Remaining Established	88.6	51.2	91.2
Yet to Be Established	143.2	95.7	159.1
Ultimate Potential	<u>410.0</u>	<u>250.0</u>	<u>500.0</u>
Remaining Ultimate Potential	231.8	146.9	250.3

8.6 Sulphur

8.6.1 Sulphur from Gas

Utilizing the methodology described in Section 8.4, the Board estimates that the sulphur content of marketable gas yet to be established will be 70 tonnes per million cubic metres of marketable gas. The Board's estimate of ultimate potential for sulphur was derived in 1992 by applying this sulphur-to-gas ratio to its 1992 estimate of marketable gas yet to be established and adding the 1992 initial established reserves of sulphur. This figure was then rounded to the nearest ten million tonnes and set as the new ultimate potential for sulphur.

In addition to the sulphur recoverable from "conventional" gas, there is also sulphur potentially recoverable from ultra-high H₂S pools. The Board's estimate of the ultimate potential for sulphur from ultra-high H₂S pools is 40 million tonnes.

The reserves, production, and ultimate potential for sulphur are shown below:

	Conventional	Ultra-high H₂S	Total
	10 ⁶ tonnes		
Initial Established	235.4	3.1	238.5
Cumulative Production	<u>181.6</u>	<u>0.0</u>	<u>181.6</u>
Remaining Established	53.8	3.1	56.9
Yet to Be Established	94.6	36.9	131.5
Ultimate Potential	<u>330.0</u>	<u>40.0</u>	<u>370.0</u>
Remaining Ultimate Potential	148.4	40.0	188.4

8.6.2 Sulphur from Crude Bitumen

The Board estimates the ultimate potential of sulphur in Alberta's recoverable crude bitumen to be some 2200 million tonnes at year-end in 1998. This estimate was derived by applying a recovery ratio of 45.8 tonnes of sulphur per thousand cubic metres of bitumen to the 1992 year-end ultimate potential of crude bitumen of some 49 billion cubic metres. In 1989 the recovery ratio was revised to reflect the use of high conversion hydrogen addition technologies for upgrading the crude bitumen. Such technologies result in a higher sulphur recovery than do the alternative carbon rejection technologies because more of the sulphur in the bitumen is converted to H_2S as opposed to being left in the upgrading residues. The ratio reflects the recovery expected at future plants. Some 10.4 million of the 2200 million tonnes expected have been produced to the 1998 year-end.

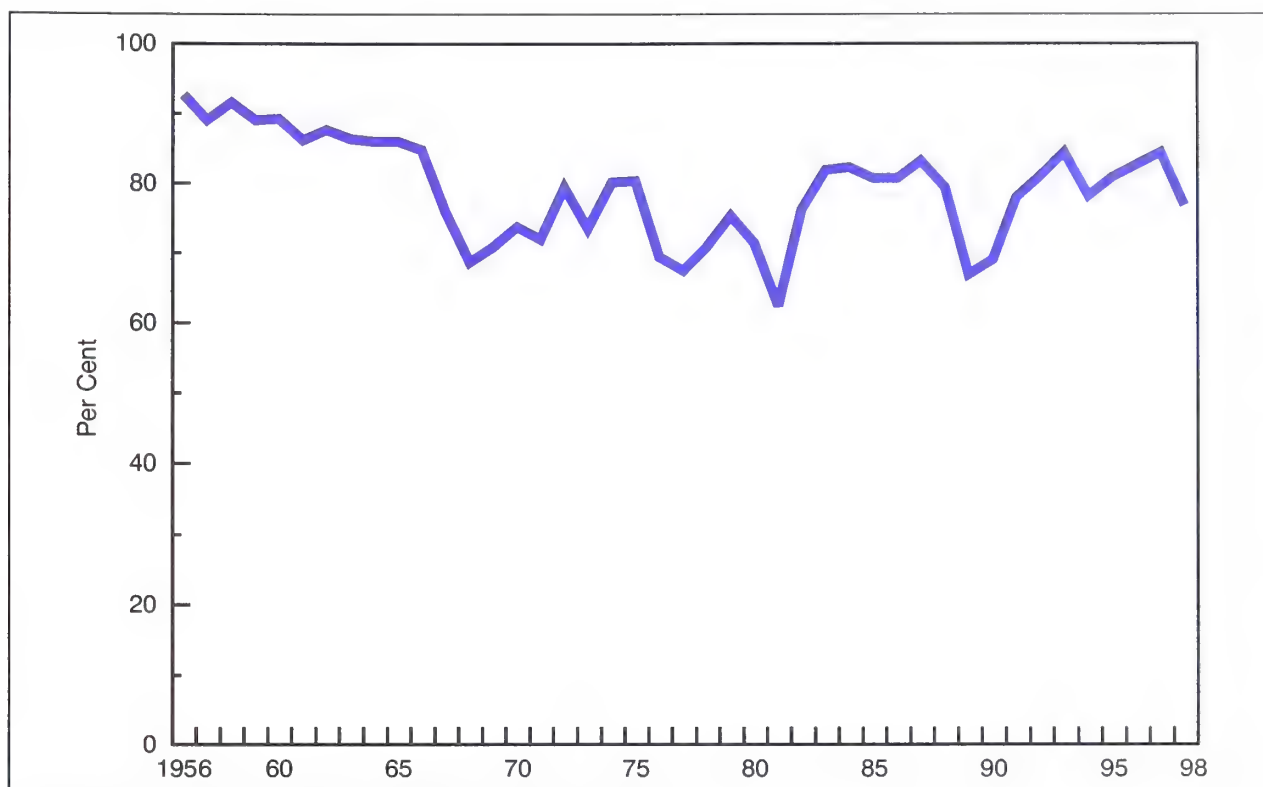


Figure A-1 Development Wells as a Per Cent of Total Development and Exploratory Drilling

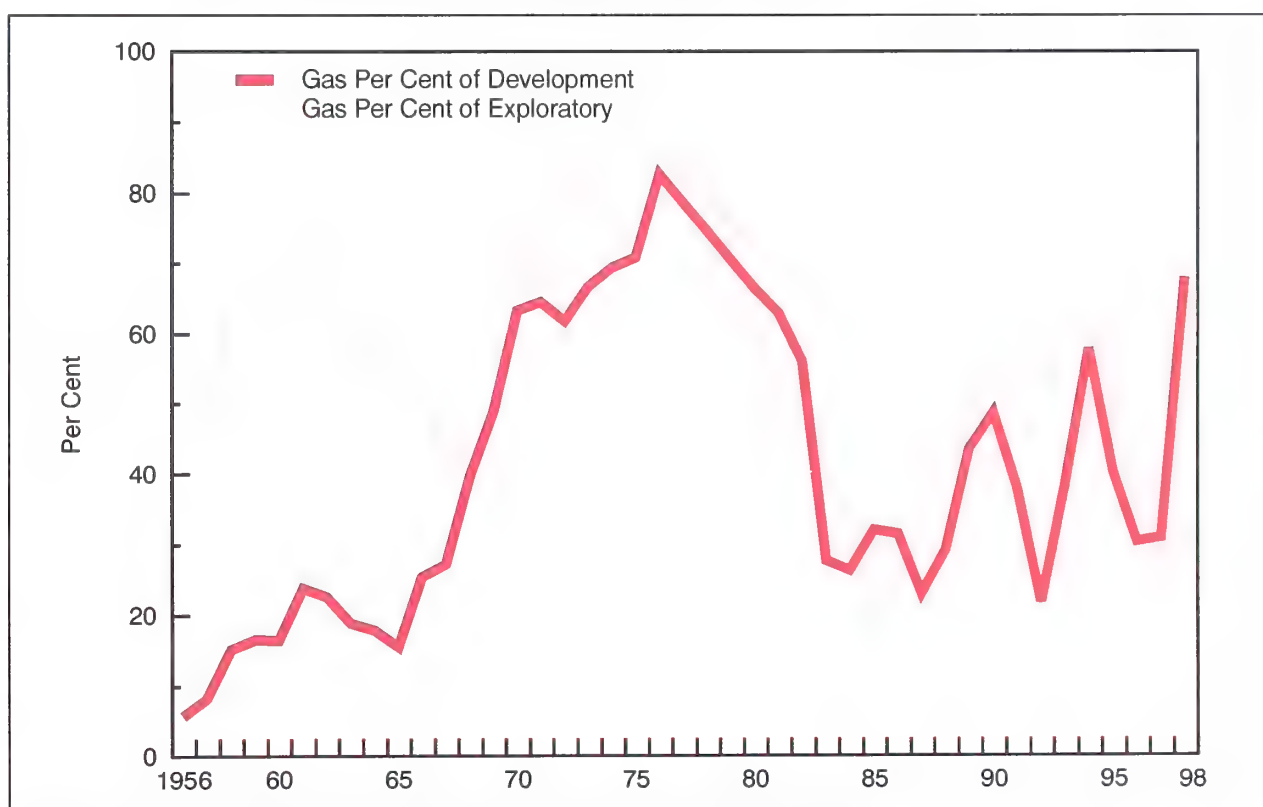


Figure A-2 Gas Well Per Cent of Total Development and Exploratory Drilling



Figure A-3 Average Drilling Depth of Oil and Gas Development Wells

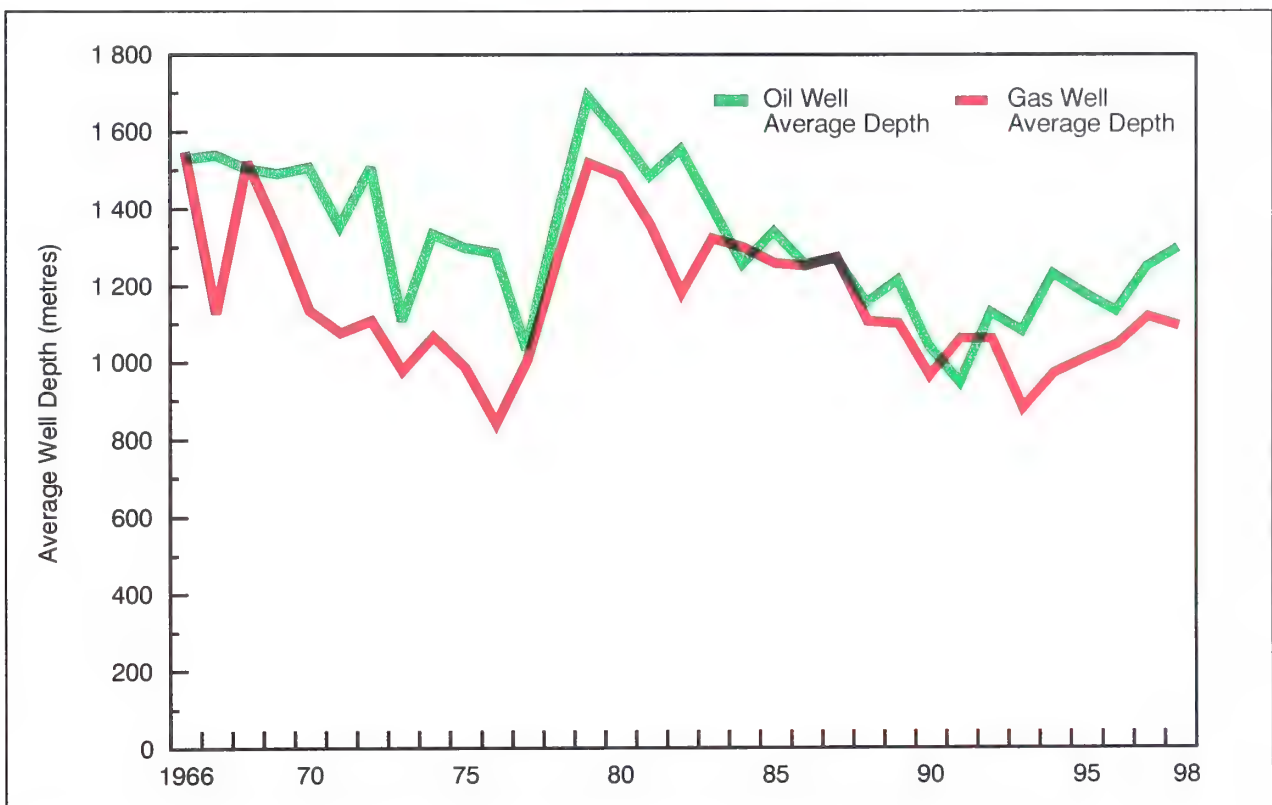


Figure A-4 Average Drilling Depth of Oil and Gas Exploratory Wells

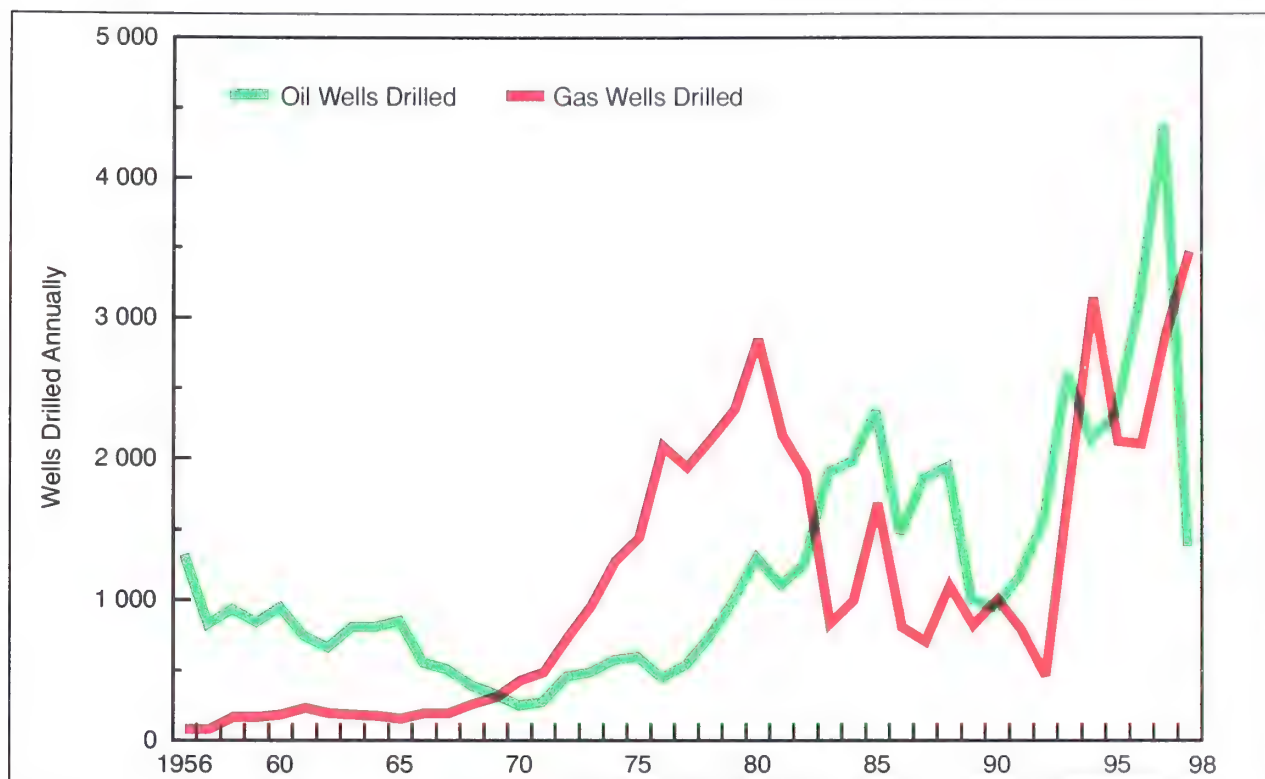


Figure A-5 Oil and Gas Development Wells Drilled Annually

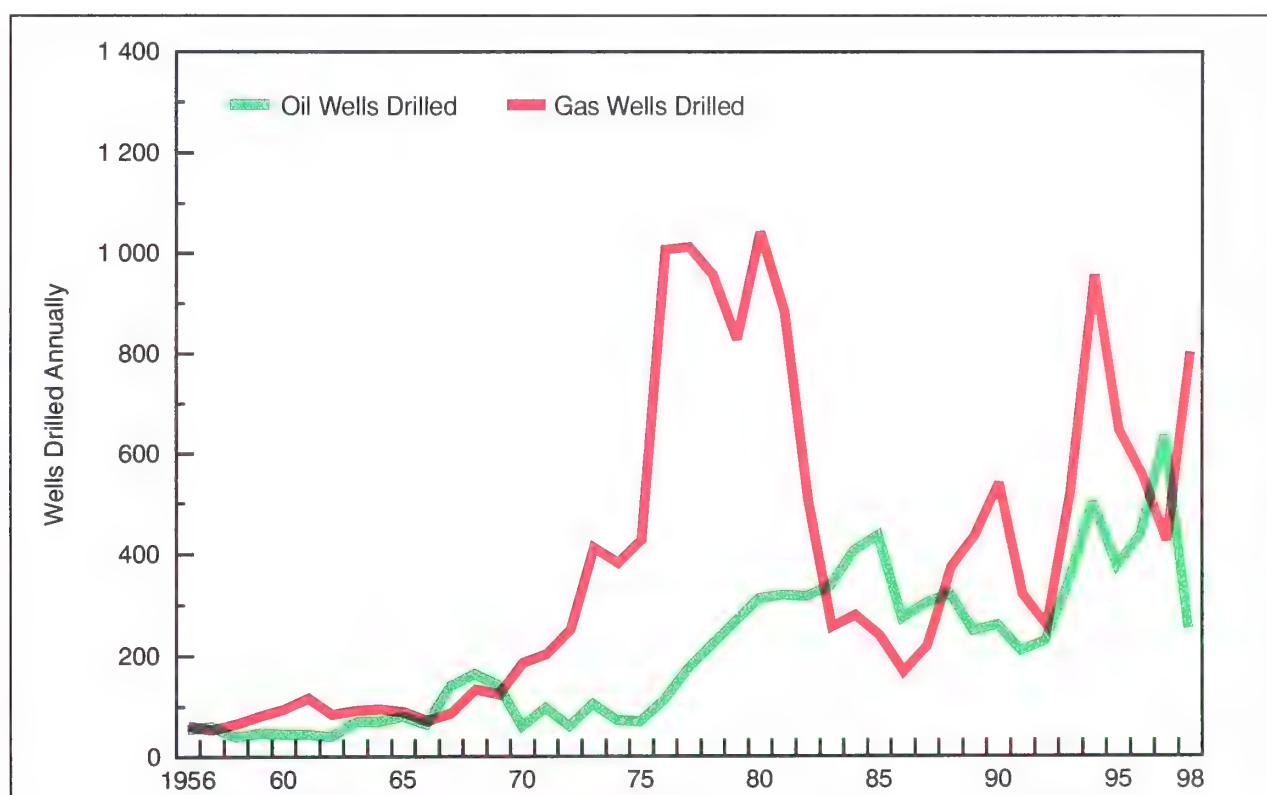


Figure A-6 Oil and Gas Exploratory Wells Drilled Annually

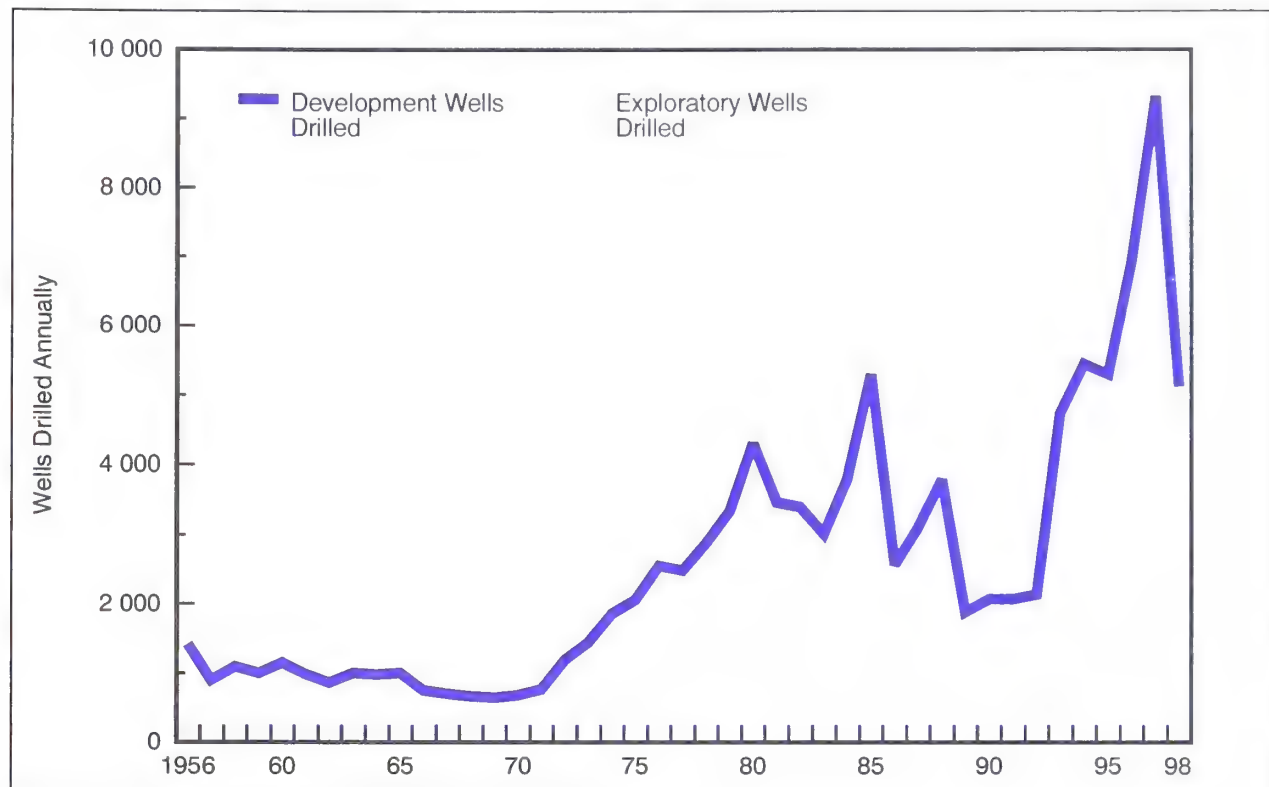


Figure A-7 Total Development and Exploratory Wells Drilled Annually

APPENDIX OIL, CRUDE BITUMEN, AND GAS DRILLING HISTORICAL DATA

This appendix presents historical data on development and exploratory drilling in Alberta to year-end 1998.

TABLE A-1

From 1956 to 1998 inclusive, 75 per cent of the development wells drilled in Alberta resulted in successful oil or gas wells compared to only 43 per cent for exploratory wells¹. A few unsuccessful development wells were completed as water disposal and service wells.

Counts of crude bitumen wells have been tabulated from 1980 onward. Two types of crude bitumen development wells are shown, **Commercial** for those in commercial and primary recovery schemes, and **Experimental** for those in recovery-test schemes. Experimental wells are included in the development category because they are drilled into known oil sands deposits. Experimental well counts are not available prior to 1980. Up to 1983, commercial crude bitumen wells appear in the table in the oil well count.

Most of the crude bitumen exploratory wells are oil sands evaluation wells which are required to be abandoned. Also included are some exploratory wells licensed to obtain crude bitumen production. Oil sands evaluation wells also do not appear in any form in the table for the period prior to 1980.

As a result of the collapse of the price of oil in 1998, oil development drilling was down 69 per cent from its record setting level in 1997 for its worst year since 1991. Conversely, because of the improved price for gas, gas development drilling was at an all time record level in 1998, exceeding the previous high set in 1994 by 10 per cent and reaching past the 3400 well level for the first time. Crude bitumen commercial drilling was also affected by the drop in the price of oil, suffering an 87 per cent drop from last year's record setting pace to its lowest level since 1994.

Oil exploratory drilling was also down 60 per cent to its lowest level since 1992 and 29 per cent lower than the average over the last ten years. On the other hand, gas exploratory drilling was at its highest level since 1994. Although nearly doubling last year's level and exceeding the average over the past ten years by 59 per cent, gas exploratory drilling was still well short of the record level established in 1980. Crude bitumen exploratory drilling was down 24 per cent from last year but was still 135 per cent above the average over the past ten years.

Overall, development and exploratory drilling was down 41 per cent from last year's all time record level and 19 per cent lower than the average over the past 5 years, the period covered by the most recent, sustained increase in drilling.

TABLE A-2

A somewhat better measure of exploratory and development activity is the kilometres drilled annually in each category. Since 1966, these data have been further categorized to also show the number of kilometres drilled for successful oil and gas wells. The information in Table A-2 is thus closely related to that in Table A-1.

¹ For the purposes of Tables A-1 and A-2, exploratory wells include deep pool tests, new pool wildcats, and new field wildcats. Outpost wells have been included in the development well totals.

TABLE A-1 Development and Exploratory Wells
number drilled annually, 1956-1998

	1	2	3	4	5
Year	Development				Total ^a
	Successful				
	Oil	Crude Bitumen		Gas	
		Commercial	Experimental		
1956	1 317	**	*	79	1 514
1957	818	**	*	73	1 020
1958	924	**	*	164	1 315
1959	834	**	*	164	1 170
1960	944	**	*	184	1 363
1961	741	**	*	231	1 188
1962	653	**	*	190	1 113
1963	803	**	*	186	1 255
1964	796	**	*	173	1 281
1965	843	**	*	155	1 366
1966	552	**	*	188	1 003
1967	506	**	*	190	953
1968	387	**	*	257	970
1969	324	**	*	311	901
1970	246	**	*	425	884
1971	269	**	*	489	1 085
1972	454	**	*	738	1 618
1973	480	**	*	961	1 970
1974	566	**	*	1 284	2 241
1975	597	**	*	1 443	2 408
1976	444	**	*	2 096	2 959
1977	530	**	*	1 941	2 813
1978	726	**	*	2 134	3 269
1979	984	**	*	2 352	3 892
1980	1 296	**	139	2 855	4 888
1981	1 107	**	173	2 173	4 006
1982	1 246	**	234	1 901	3 862
1983	1 907	**	268	836	3 457
1984	1 983	438	365	994	4 496
1985	2 343	980	270	1 694	6 288
1986	1 465	194	93	804	3 298
1987	1 865	377	144	712	3 865
1988	1 950	660	60	1 105	4 812
1989	995	38	28	823	2 451
1990	944	69	43	1 005	2 655
1991	1 168	91	19	789	2 711
1992	1 566	101	7	463	2 744
1993	2 608	290	17	1 804	5 595
1994	2 140	143	2	3 147	6 677
1995	2 324	833	5	2 132	6 477
1996	3 130	1 687	15	2 108	8 229
1997	4 383	2 051	10	2 892	10 842
1998	1 369	266	9	3 476	5 836

a Includes unsuccessful, service, and suspended wells.

b Includes oil sands evaluation wells and exploratory wells licensed to obtain crude bitumen production.

* Not available.

** Included in Oil.

6	7	8	9	10	11	12	13
Exploratory				Total			
Successful				Successful			
Oil	Crude ^b Bitumen	Gas	Total ^a	Oil	Crude Bitumen	Gas	Total ^a
51	*	59	384	1 368	*	138	1 898
56	*	52	428	874	*	125	1 448
35	*	63	404	959	*	227	1 719
43	*	78	432	877	*	242	1 602
41	*	92	403	985	*	276	1 766
42	*	113	423	783	*	344	1 611
35	*	82	484	688	*	272	1 597
65	*	89	502	868	*	275	1 757
65	*	90	570	861	*	263	1 851
76	*	85	705	919	*	240	2 071
62	*	69	634	614	*	257	1 637
135	*	84	693	641	*	274	1 646
162	*	130	936	549	*	387	1 906
138	*	122	972	462	*	433	1 873
55	*	183	963	301	*	608	1 847
93	*	202	940	362	*	691	2 025
55	*	252	1 058	509	*	990	2 676
101	*	413	1 543	581	*	1 374	3 513
69	*	384	1 248	635	*	1 668	3 489
67	*	428	1 238	664	*	1 871	3 646
108	*	1 005	2 082	552	*	3 101	5 041
172	*	1 011	2 317	702	*	2 952	5 130
218	*	956	2 304	944	*	3 090	5 573
266	*	825	1 888	1 250	*	3 177	5 780
310	354	1 040	2 653	1 606	*	3 895	7 541
318	857	883	2 865	1 425	*	3 056	6 871
317	221	510	1 719	1 563	*	2 411	5 581
335	68	255	1 245	2 242	*	1 091	4 702
407	126	278	1 661	2 390	929	1 272	6 157
436	588	238	2 175	2 779	1 838	1 932	8 463
271	168	167	1 199	1 736	455	971	4 497
300	105	217	1 305	2 165	626	929	5 170
322	277	374	1 793	2 272	997	1 479	6 605
247	245	437	1 678	1 242	311	1 260	4 129
258	122	541	1 643	1 202	234	1 546	4 298
206	51	320	1 182	1 374	161	1 109	3 893
227	13	258	1 053	1 793	121	721	3 797
340	3	522	1 662	2 948	310	2 326	7 257
500	53	955	2 432	2 640	198	4 102	9 109
377	217	647	1 997	2 701	1 055	2 779	8 474
438	447	555	2 157	3 568	2 149	2 663	10 386
635	639	426	2 357	5 018	2 700	3 318	13 199
252	486	802	2 016	1 621	761	4 278	7 852

TABLE A-2 Development and Exploratory Wells
kilometres drilled annually, 1956-1998

	1	2	3	4	5
Year	Development				Total ^a
	Successful				
	Oil	Crude Bitumen		Gas	
		Commercial	Experimental		
1956	*	**	*	*	2 411
1957	*	**	*	*	1 553
1958	*	**	*	*	1 842
1959	*	**	*	*	1 969
1960	*	**	*	*	2 426
1961	*	**	*	*	2 385
1962	*	**	*	*	2 032
1963	*	**	*	*	2 266
1964	*	**	*	*	2 235
1965	*	**	*	*	2 142
1966	921	**	*	79	1 567
1967	748	**	*	219	1 420
1968	539	**	*	391	1 360
1969	464	**	*	408	1 254
1970	347	**	*	448	1 107
1971	352	**	*	406	1 219
1972	636	**	*	547	1 669
1973	692	**	*	800	2 204
1974	749	**	*	907	2 237
1975	714	**	*	1 159	2 340
1976	593	**	*	1 173	2 983
1977	720	**	*	1 624	2 961
1978	995	**	*	1 691	3 408
1979	1 452	**	*	1 936	4 141
1980	1 839	**	80	2 557	5 309
1981	1 401	**	85	1 934	4 169
1982	1 804	**	103	1 521	4 116
1983	2 482	**	112	896	4 248
1984	2 935	257	203	999	5 603
1985	3 302	579	155	1 443	7 353
1986	2 200	117	47	850	4 550
1987	2 627	209	80	883	5 252
1988	2 555	376	38	1 249	6 081
1989	1 259	24	17	851	3 339
1990	1 259	46	32	1 032	3 660
1991	1 468	62	12	805	3 497
1992	1 953	65	7	478	3 532
1993	3 244	193	16	1 704	6 788
1994	2 822	96	5	2 980	8 063
1995	2 898	623	6	2 099	7 474
1996	3 816	1 210	13	2 113	9 053
1997	5 431	1 564	9	3 031	12 163
1998	1 872	441	12	3 618	7 344

a Includes unsuccessful, service, and suspended wells.

b Includes oil sands evaluation wells and exploratory wells licensed to obtain crude bitumen production.

c Discrepancies are due to rounding.

* Not available.

** Included in Oil.

6	7	8	9	10	11	12	13
Exploratory				Total			
Successful				Successful			
Oil	Crude ^b Bitumen	Gas	Total ^a	Oil	Crude Bitumen	Gas	Total ^a
*	*	*	665	*	*	*	3 077
*	*	*	724	*	*	*	2 278
*	*	*	712	*	*	*	2 554
*	*	*	725	*	*	*	2 694
*	*	*	737	*	*	*	3 163
*	*	*	724	*	*	*	3 109
*	*	*	744	*	*	*	2 776
*	*	*	723	*	*	*	2 989
*	*	*	917	*	*	*	3 152
*	*	*	1 038	*	*	*	3 180
95	*	107	958	1 016	*	186	2 526
208	*	95	996	957	*	314	2 416
244	*	198	1 386	783	*	589	2 746
206	*	164	1 410	670	*	572	2 667
83	*	208	1 295	431	*	656	2 402
126	*	218	1 227	477	*	624	2 446
83	*	280	1 402	719	*	828	3 071
112	*	404	1 650	805	*	1 204	3 854
92	*	410	1 419	841	*	1 318	3 655
87	*	423	1 309	801	*	1 582	3 649
139	*	846	1 892	732	*	2 619	4 875
178	*	1 016	2 288	897	*	2 640	5 250
300	*	1 219	2 718	1 295	*	2 910	6 126
450	*	1 256	2 771	1 902	*	3 192	6 912
494	71	1 550	3 261	2 333	151	4 107	8 570
473	124	1 202	2 810	1 874	209	3 136	6 979
493	27	603	1 920	2 297	130	2 124	6 036
472	11	338	1 528	2 954	123	1 234	5 776
511	19	362	1 846	3 446	479	1 361	7 449
584	96	300	1 975	3 886	829	1 743	9 328
341	39	209	1 286	2 541	203	1 059	5 836
382	16	277	1 476	3 010	305	1 160	6 728
373	65	414	1 797	2 928	479	1 663	7 877
300	32	482	1 623	1 558	74	1 332	4 963
269	18	523	1 507	1 528	96	1 555	5 167
195	14	340	1 200	1 663	88	1 145	4 697
257	4	274	1 095	2 210	75	753	4 627
368	2	461	1 637	3 612	210	2 165	8 425
616	11	928	2 572	3 439	112	3 908	10 635
445	49	655	2 017	3 343	677	2 755	9 491
497	140	581	2 040	4 313	1 363	2 694	11 093
794	138	478	2 141	6 225	1 712	3 509	14 305
327	114	879	1 830	2 198	567	4 496	9 174

TABLE A-3

In Table A-3, a completion event is counted as a well. Therefore, because some wellbores have more than one completion event, this table does not represent the actual number of wellbores in existence in each category listed.

Table A-3 shows the growth in the number of oil and gas wells operated. It excludes wells formerly capable but now abandoned.

Although the capped wells shown in column 5 have not been completed, many could be capable of production on short notice. In most cases, wells are capped until gathering or processing facilities are completed or the economics of production and marketing improves.

TABLE A-3 **Completed and Capped Wells**
cumulative totals, 1956-1998

	1	2	3	4	5
Year	Oil Wells Completed		Gas Wells Completed		Capped Gas Wells ^c
	Capable ^a	Operated ^b	Capable ^a	Operated ^b	
1956	7 390	6 743	523	368	713
1957	8 016	7 136	585	422	766
1958	8 536	7 811	705	575	871
1959	9 217	8 281	830	681	981
1960	9 878	8 633	950	758	1 127
1961	10 529	8 938	1 088	894	1 314
1962	10 809	9 183	1 257	995	1 388
1963	11 437	9 217	1 437	1 213	1 466
1964	12 114	9 613	1 628	1 372	1 497
1965	12 771	8 736	1 800	1 502	1 515
1966	13 162	8 886	1 921	1 527	1 586
1967	13 473	9 116	2 065	1 647	1 666
1968	13 733	9 114	2 356	1 924	1 594
1969	13 897	9 381	2 692	2 194	1 601
1970	13 971	9 383	3 010	2 490	1 684
1971	14 065	9 467	3 426	2 830	1 801
1972	14 168	9 689	3 985	3 318	2 063
1973	14 368	10 028	4 536	3 769	2 551
1974	14 819	10 395	5 344	4 508	3 469
1975	15 177	10 708	6 670	5 704	3 935
1976	15 663	11 166	9 010	7 753	4 864
1977	16 224	11 592	12 529	10 806	6 023
1978	16 871	12 151	14 897	12 785	6 686
1979	17 673	12 805	17 173	14 760	8 268
1980	18 833	13 312	19 546	16 661	10 094
1981	20 072	14 243	22 611	18 797	11 593
1982	21 345	15 259	25 400	20 611	10 991
1983	23 182	16 694	27 125	21 881	10 835
1984	25 320	18 406	29 037	22 839	10 793
1985	27 830	19 957	30 255	24 424	10 957
1986	30 020	20 175	32 619	24 648	11 201
1987	31 929	22 347	33 570	25 453	11 292
1988	34 048	22 893	34 235	27 167	11 447
1989	36 890	24 139	35 431	27 051	11 551
1990	37 392	24 726	36 517	27 291	11 844
1991	38 143	24 676	37 232	27 998	11 476
1992	39 386	25 559	37 826	30 074	10 775
1993	41 496	27 170	39 472	31 362	10 232
1994	42 833	27 784	42 903	34 126	9 220
1995	44 619	29 395	45 021	34 458	8 562
1996	47 351	31 002	47 530	36 940	8 150
1997	51 241	33 143	51 212	39 687	7 541
1998	52 129	31 858	55 172	42 627	6 794

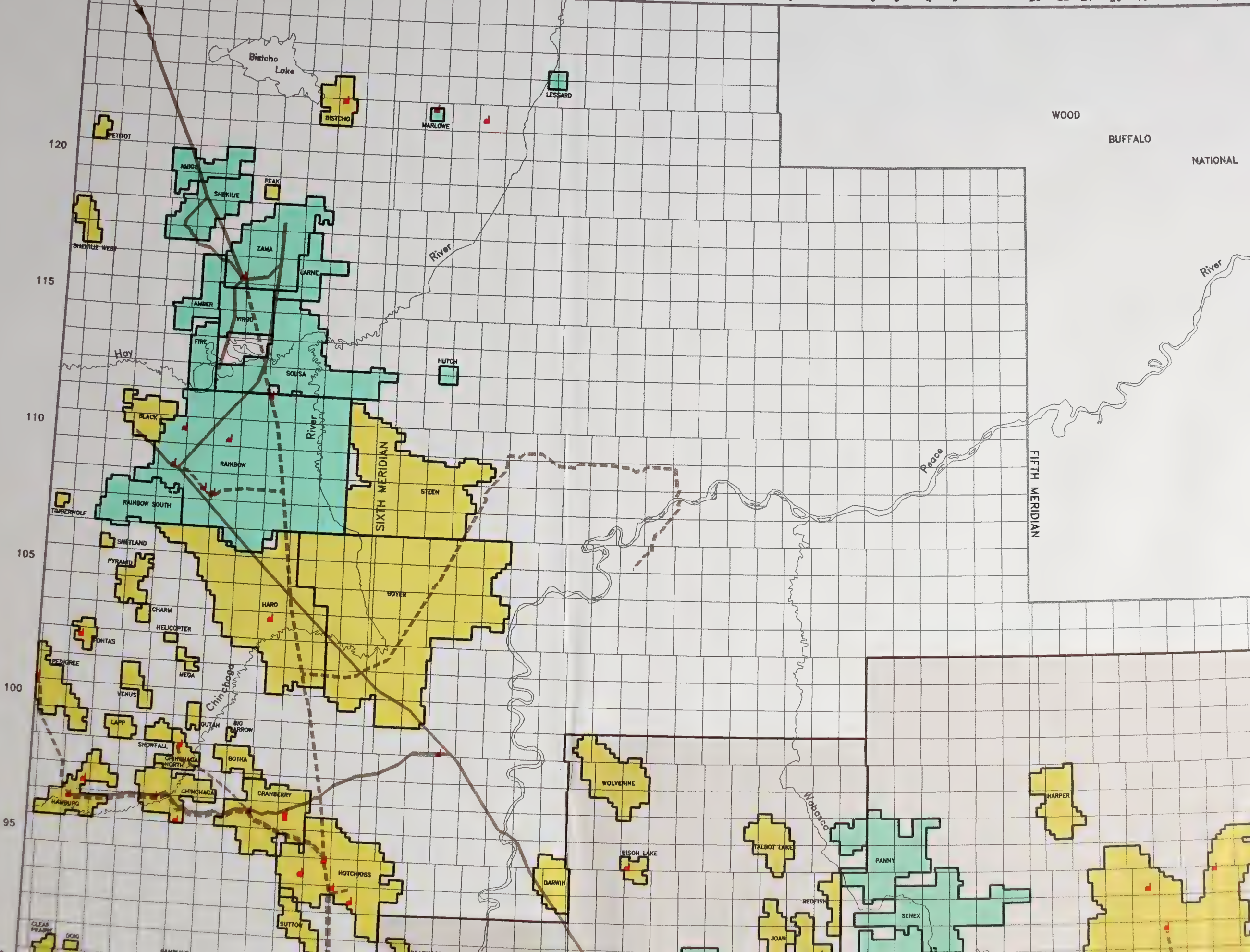
a Includes wells which had been placed on production and were either operated, suspended, or shut in during December of each year, including crude bitumen wells, but excludes events used for injection.

b The number of events produced during December of each year.

c The number of events drilled and never placed on production and reported by the operator as capped as of 31 December of each year.

NORTHWEST TERRITORIES

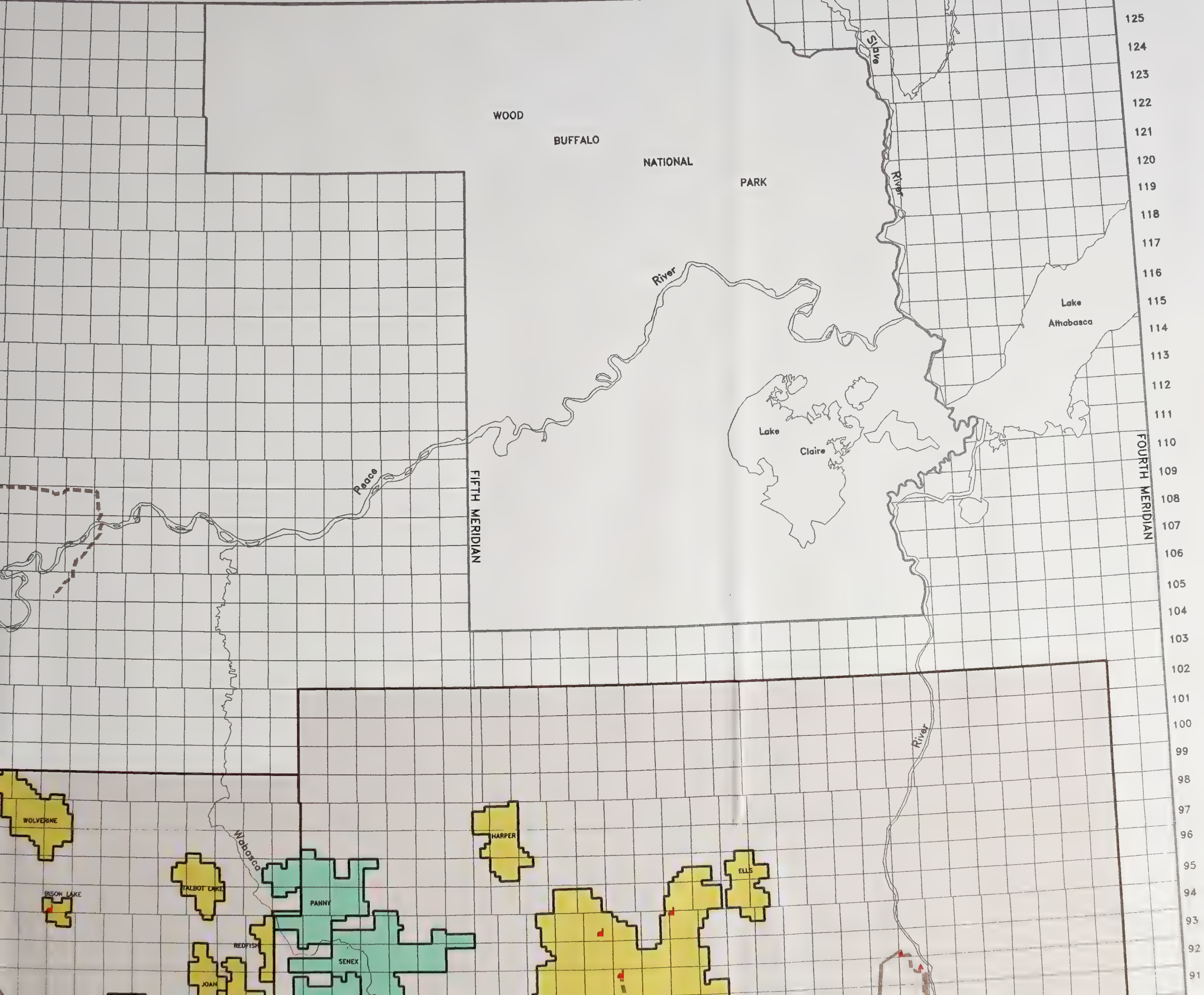
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COLUMBIA

NORTHWEST TERRITORIES

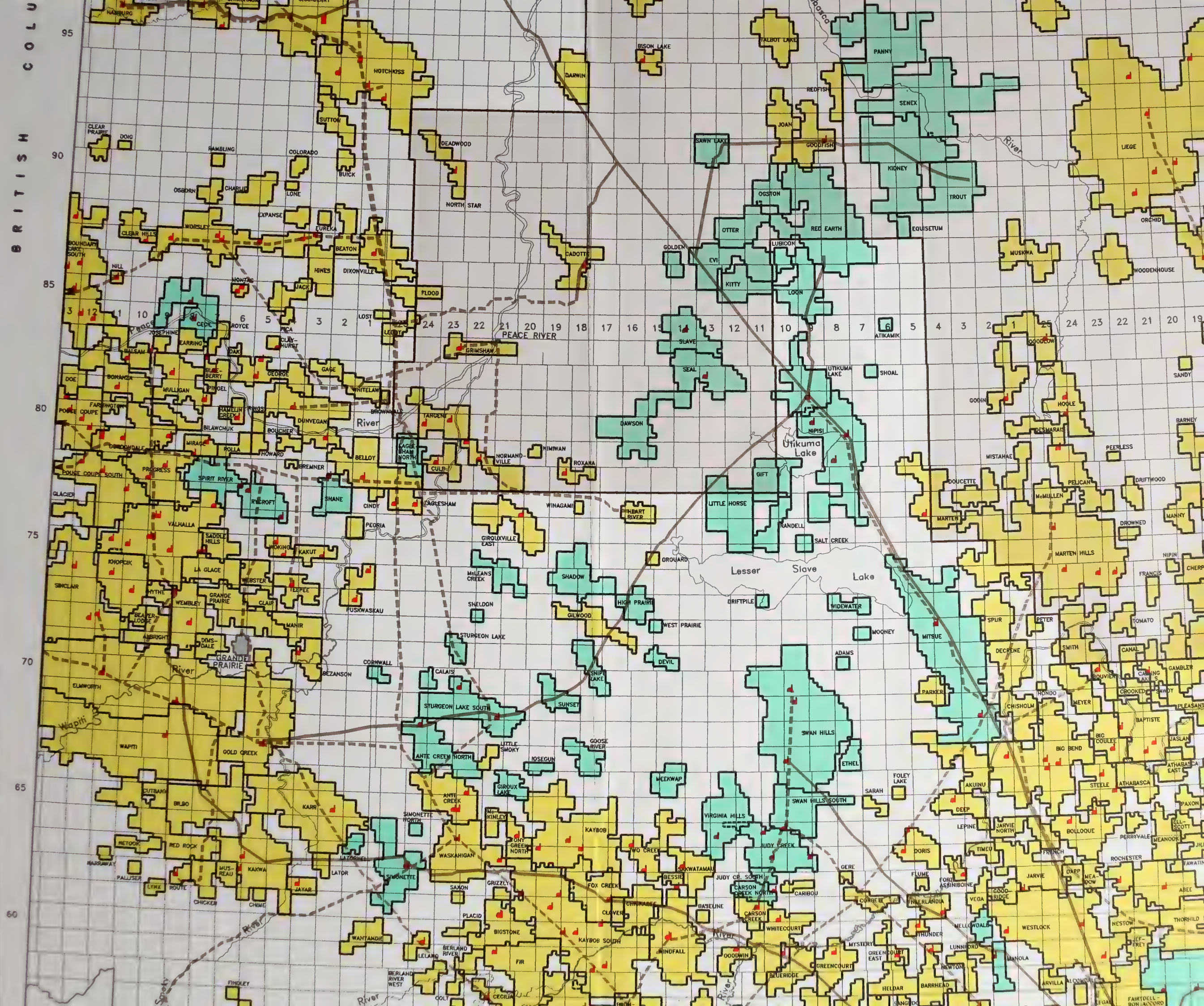
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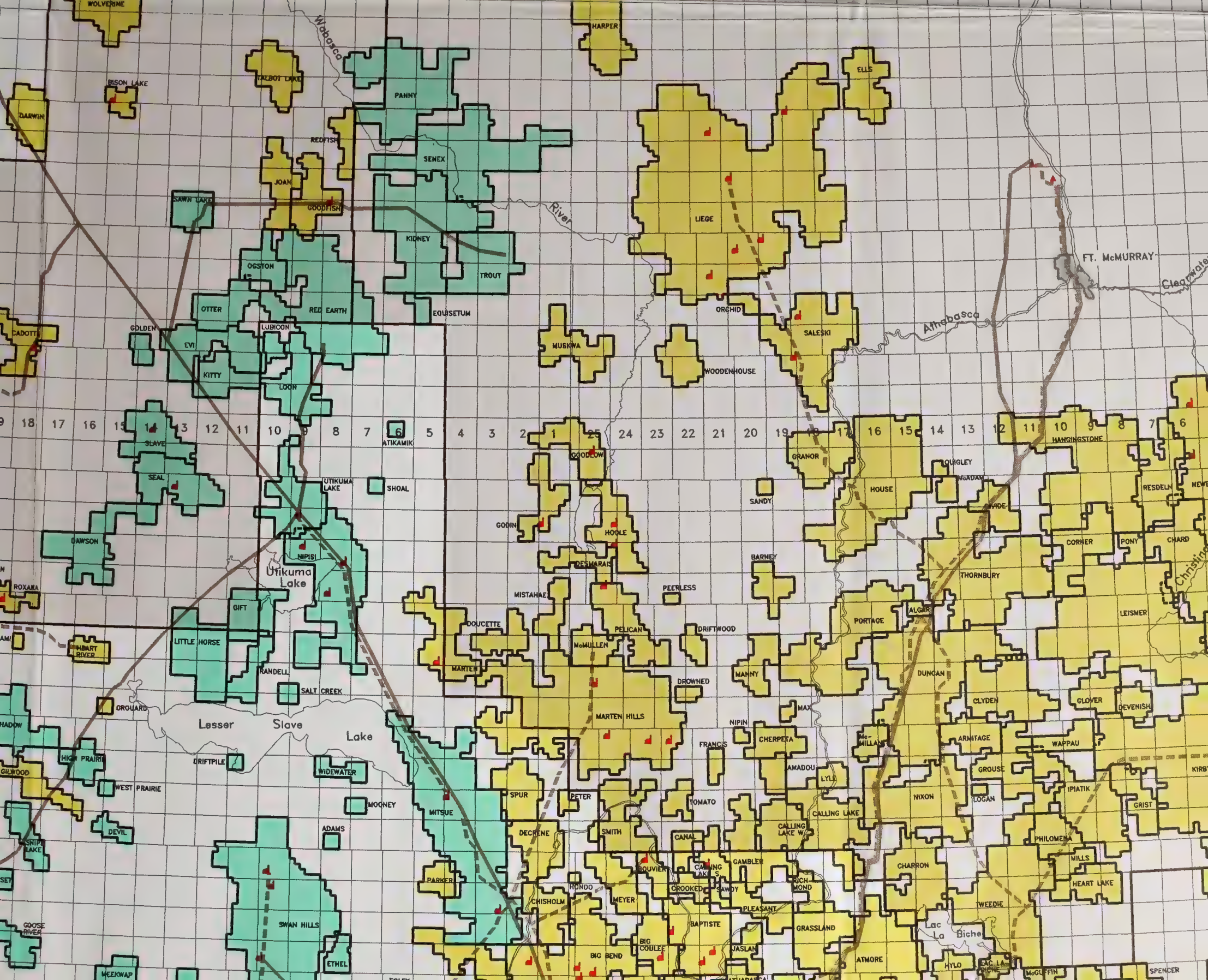


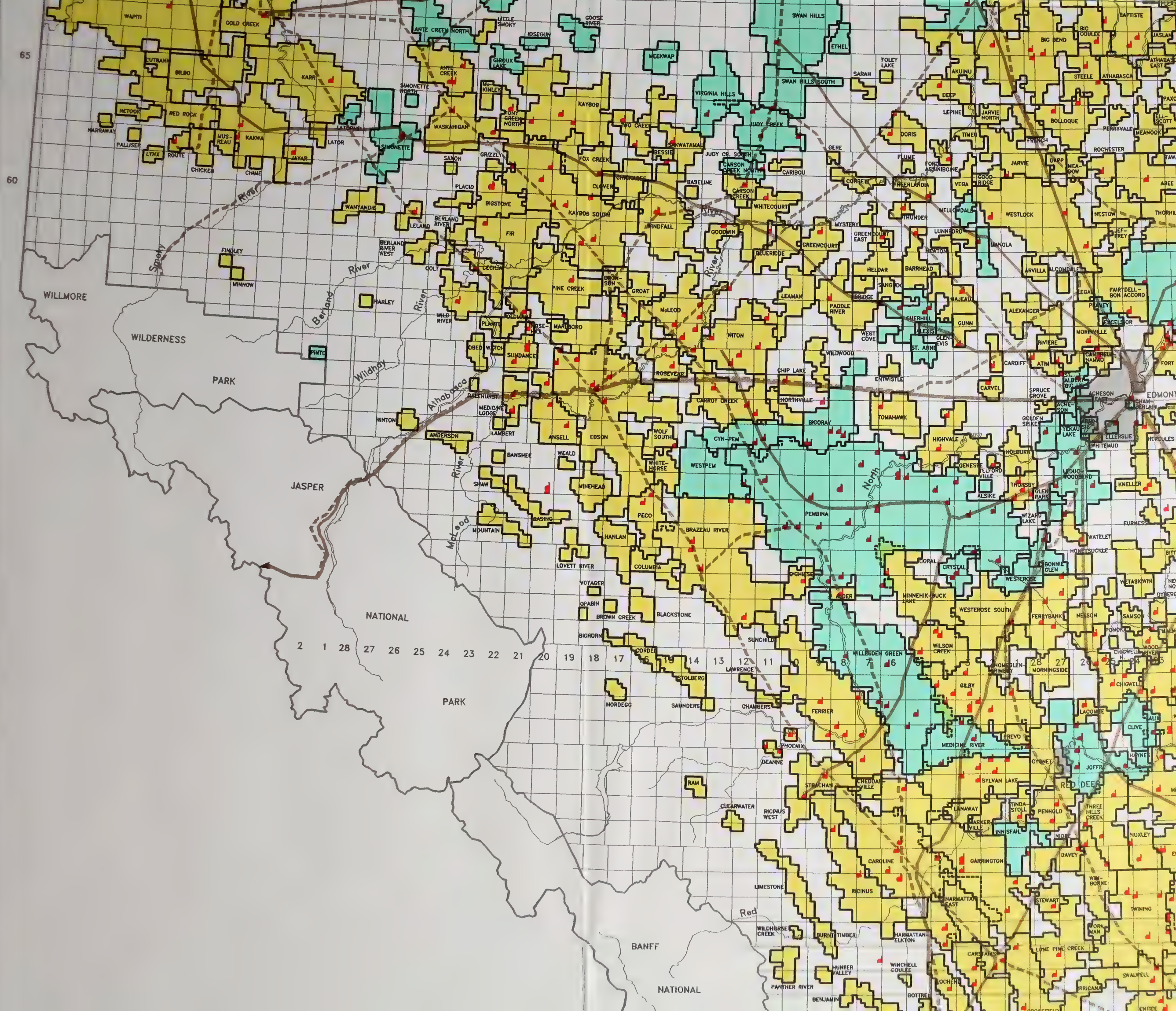
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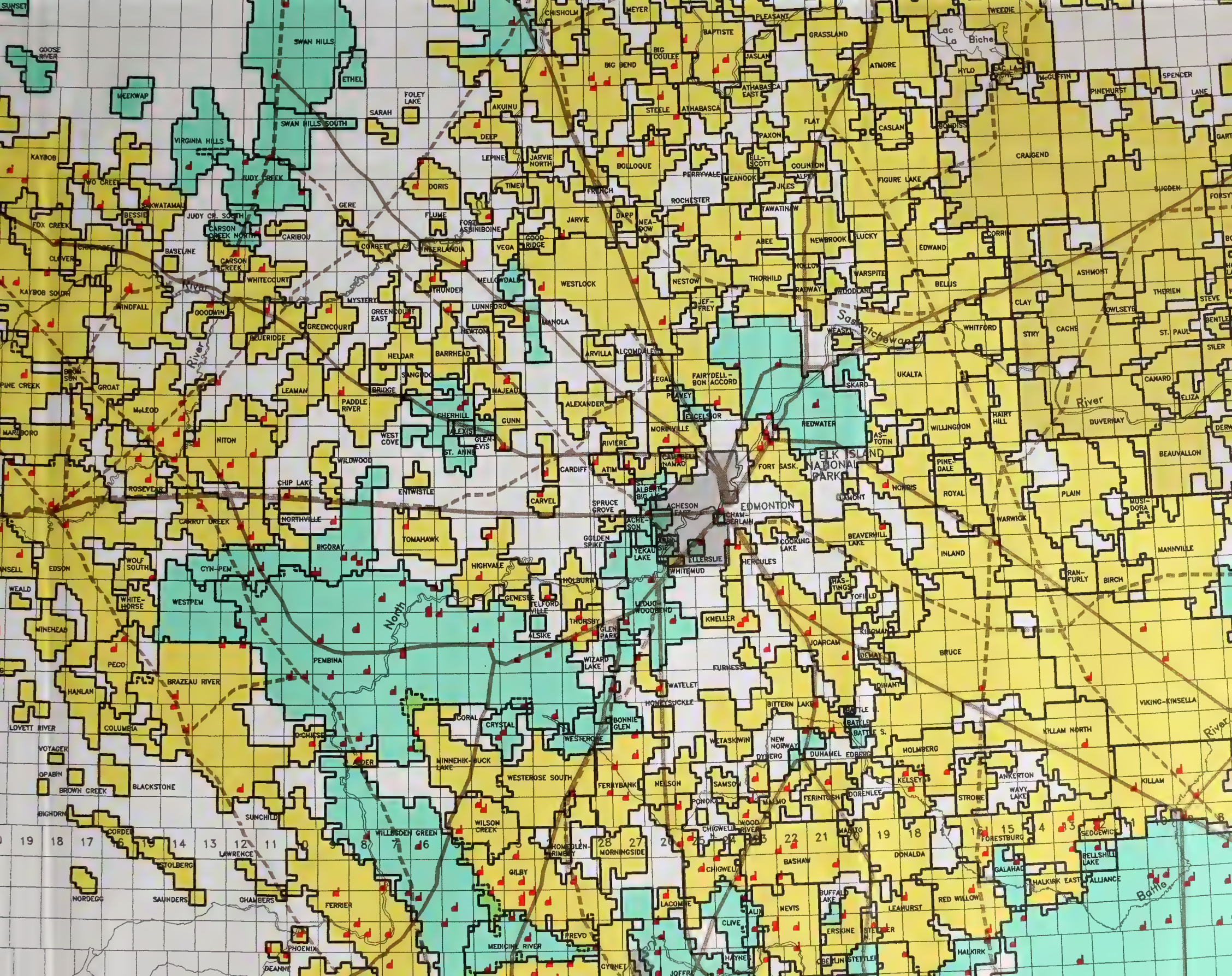
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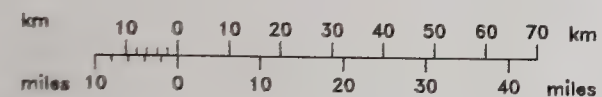






**DESIGNATED OIL AND GAS FIELDS, OIL SANDS DEPOSITS,
MAIN PIPELINES, REFINERIES AND GAS PROCESSING PLANTS
31 December 1998
Alberta, Canada**

- | | |
|--|---|
| Field - mainly oil |  |
| - mainly gas |  |
| Deposit - oil sands |  |
| Pipeline - oil |  |
| - gas |  |
| Oil Sands Processing Plant |  |
| Oil Refinery |  |
| Gas Processing Plant
(capacity in excess of 0.5 million cubic metres per day) |  |

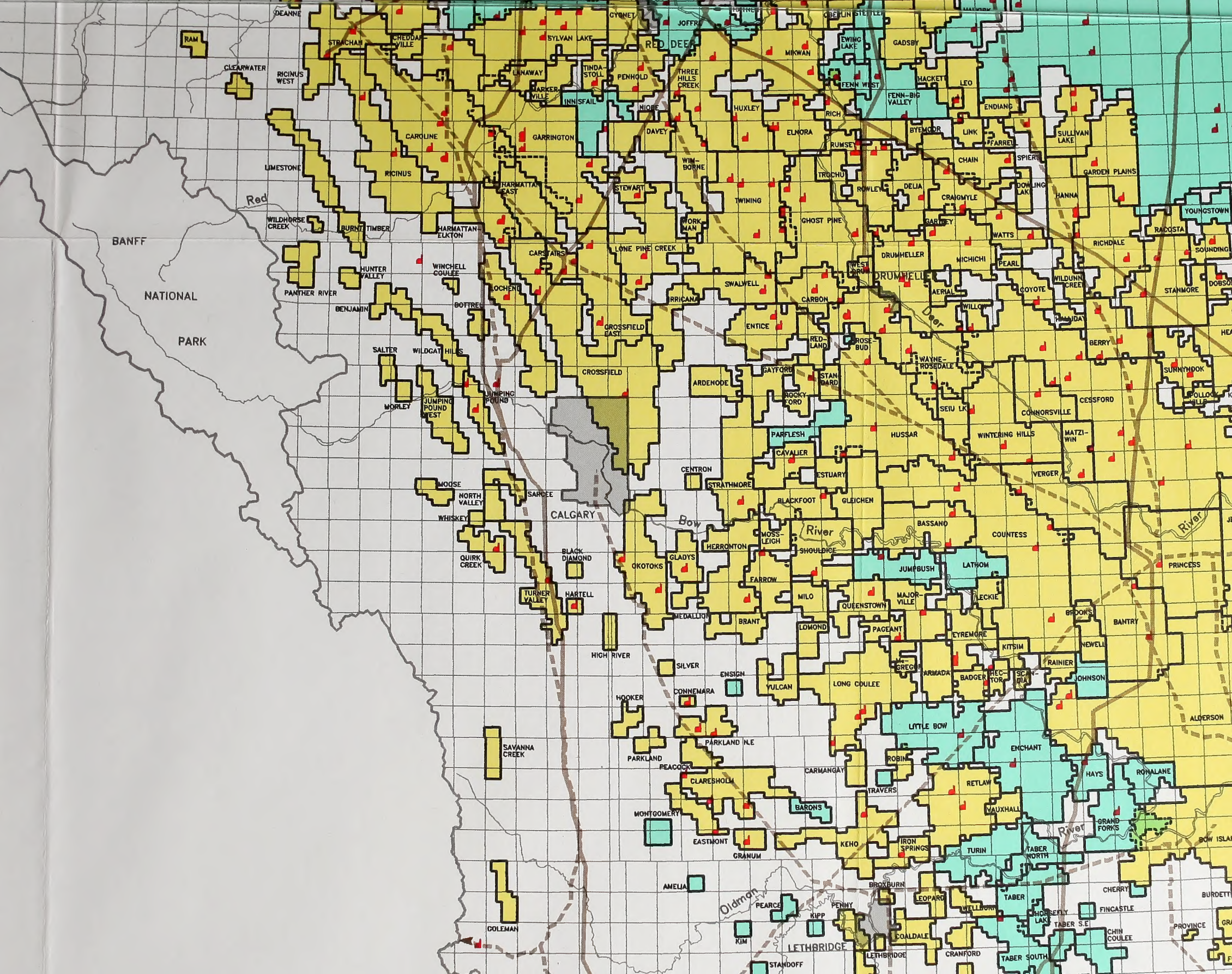


*The Board's estimate of the reserves of the pools in the fields and deposits are published in the Statistical Series 99-18 report.

Note: The color of a field is based on the initial energy content of the oil and gas reserves in that field.
Certain information has been deleted in congested areas.

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